ARCTIC DATA COMPILATION AND APPRAISAL
VOLUME 12
Beaufort Sea and Amundsen Gulf: Physical Oceanography – Temperature, Salinity, Currents, Water Levels, and Waves
REVISED AND UPDATED TO INCLUDE 1914 THROUGH 1986

by

J.R. Birch, D.D. Lemon, D.B. Fissel and H. Melling

Arctic Sciences Ltd.
Sidney, B.C.

and

Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C.

1987

CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES
NO. 5

Fisheries and Oceans
Pêches et Océans

Canada

88-01537/

Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

CANADIAN DATA REPORT OF
HYDROGRAPHY AND OCEAN SCIENCES
NO. 5

1987

ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 12

Beaufort Sea and Amundsen Gulf: Physical Oceanography - Temperature, Salinity, Currents, Water Levels, and Waves

REVISED AND UPDATED TO INCLUDE 1914 THROUGH 1986

by

J.R. Birch[1], D.D Lemon[1], D.B. Fissel[1] and H. Melling[2]

[1] Arctic Sciences Ltd.
Sidney, B.C. V8L 3S1

and

[2] Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C. V8L 4B2

Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C. V8L 4B2

PREFACE

These catalogues are produced by the Data Assessment Division at the Institute of Ocean Sciences and the Native and Regulatory Affairs Division at the Freshwater Institute. Joint government and industry contract projects have catalogued marine data sets, their focus being mainly on oceanography and fisheries. Data quality appraisals are included to assist in establishing the usefulness of given data for particular analyses or purposes. The ratings also determine the confidence that can be placed on interpretations incorporating those data.

The appraisals will assist in establishing priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses of the catalogues include the provision of the best available resume of marine data sources for research planning, environmental assessments, land use planning, regulatory approvals and operational procedures.

In the past, the pace of offshore development activity has emphasized the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. The review is a three-stage process: 1) compilation and appraisal of the existing data sets; 2) analysis of the suitability of existing data sets for contributing answers to questions of concern; and, 3) analysis and interpretation of data and estimation of scientific confidence in the answer to the particular question. This report represents part of the results of the first stage for the physicial oceanographic data of the Canadian Beaufort Sea.

Brian Smiley and Larry de March
Scientific Editors
Arctic Data Compilation and Appraisal
Series

Copyright Minister of Supply and Services Canada - 1987

Cat. No. Fs97-16/5 ISSN 0711-6721

Birch, J.R., D.D. Lemon, D.B. Fissel and H. Melling, 1987. Arctic Data Compilation and Appraisal. Volume 12. Beaufort Sea and Amundsen Gulf: Physical Oceanography - Temperature, Salinity, Currents, Water Levels and Waves. Revised and updated to include 1914 through 1986. Can. Data Rep. Hydrogr. Ocean Sci No. 5. 459 p.

CONTENTS

Page

ABSTRACT iv
ACKNOWLEDGEMENTS v
FUNDING vi
VOLUME ABSTRACT 1

1. INTRODUCTION 1

2. STUDY AREA 2

3. HISTORICAL BACKGROUND 6
   3.1 EARLY HISTORICAL DATA 6
   3.2 POST-WORLD WAR II DATA 7

4. GENERAL REPORT LAYOUT AND USER INSTRUCTIONS 9
   4.1 DATA SETS 9
   4.2 INVENTORY ORGANIZATION 9
   4.3 SAMPLE USE OF THE INVENTORY 10

5. DATA RATING AND APPRAISAL 10
   5.1 TYPES OF DATA 10
   5.2 DATA RATING SCALE 14

6. SUMMARY OF DATA COVERAGE 17
   6.1 SPATIAL COVERAGE, INCLUDING DATA DISTRIBUTION MAPS 17
   6.2 SEASONAL COVERAGE, INCLUDING BI-MONTHLY MAPS 23
   6.3 EXTENDED TIME SERIES AND SYNOPTIC DATA 40
   6.4 CONCLUSIONS 43

7. REFERENCES 44

8. DATA INVENTORY TABLE 1 – SUMMARY LISTING OF DATA SETS 62

9. MAPS 93

10. INDEXES 214
   10.1 GEOGRAPHICAL 215
   10.2 MEASUREMENT TYPE 217
   10.3 REFERENCES BY DATA-SET NUMBER 218

11. DATA INVENTORY TABLE 2 – LISTINGS OF MEASUREMENT LOCATIONS AND OTHER PARAMETERS, BY YEAR 247
   11.1 TEMPERATURE-SALINITY DATA 248
   11.2 CURRENT-METER DATA 345
   11.3 WATER-LEVEL DATA 359
   11.4 WAVE DATA 371
   11.5 AIDJEX 1975-76 TEMPERATURE-SALINITY DATA 378
   11.6 AIDJEX 1975-76 PROFILING CURRENT-METER DATA 395

Page

12. INACCESSIBLE DATA SETS 423
    12.1 OCEANOGRAHIC DATA COLLECTED USING SUBMARINES 423
    12.2 SOVIET OCEANOGRAPHIC STUDIES 423
    12.3 OIL COMPANY DATA 423

APPENDIX 1 COMMENTS ON METHODS AND DATA QUALITY BY DATA SET 424
APPENDIX 2 ADDRESSES OF INFORMATION SOURCES 455
APPENDIX 3 ABBREVIATIONS USED; CHEMICAL/BIOLOGICAL TERMS 457

ABSTRACT

Birch, J.R., D.D. Lemon, D.B. Fissel and H. Melling, 1987. Arctic Data Compilation and Appraisal. Volume 12. Beaufort Sea and Amundsen Gulf: Physical Oceanography - Temperature, Salinity, Currents, Water Levels and Waves. Revised and updated to include 1914 through 1986.
Can. Data Rep. Hydrogr. Ocean Sci. 5: 459 p.

This volume is one of a group of catalogues designed to compile and appraise marine data sets for the Canadian Arctic. For user convenience, the group has been organized with its subject matter divided into three general disciplines; physics, chemistry and biology. The Arctic has been arbitrarily divided into seven geographical areas, grouping where possible, major oceanographic regions. The format throughout has been structured to facilitate comparison among subjects and regions. With such a large undertaking it is not possible to provide all reports at once. This volume contains an updated 1914-1986 inventory of the physical oceanographic data (temperature-salinity, current-meter, water-level, and waves) for the Beaufort Sea and Amundsen Gulf. It is an update of an earlier inventory by Cornford et al. (1982).

SOMMAIRE

Birch, J.R., D.D. Lemon, D.B. Fissel and H. Melling, 1987. Arctic Data Compilation and Appraisal. Volume 12. Beaufort Sea and Amundsen Gulf: Physical Oceanography - Temperature, Salinity, Currents, Water Levels and Waves. Revised and updated to include 1914 through 1986.
Can. Data Rep. Hydrogr. Ocean Sci. 5: 459 p.

Le présent volume fait partie d'une série de catalogues visant la compilation et l'évaluation des données sur le milieu marin de l'Arctique canadien. Pour la commodité des usagers, la série de catalogues est divisée en trois grandes disciplines: physique, chimie et biologie. L'Arctique a été arbitrairement divisé en sept régions géographiques en groupant si possible les principales régions océanographiques. La présentation a été structurée de façon à faciliter la comparaison entre les sujets et les régions. Toutefois, une telle entreprise ne permet pas de fournir tous les rapports en même temps. Le présent volume contient un inventaire mise à jour des océanographiques (température, salinité, courantomètre, niveau de l'eau et vagues) dans la mer de Beaufort et le golfe Amundsen. Il constitue une mise à jour d'un inventaire précédent préparé par Cornford et al. (1982).

ACKNOWLEDGEMENTS

This is an updated version of the original Beaufort Sea physica oceanographic inventory by Cornford et al. (1982). Much of the text in this report is verbatim from the original, as well as from another data inventory by Birch et al. (1985).

Many people and organizations provided information required for the inventory. In addition to those who were acknowledged in the original report (Cornford et al. 1982), thanks go to P. Wainwright of Arctic Laboratories, G.R. MacKenzie-Grieve of EPS and R.W. Macdonald of the Institute of Ocean Sciences. The data bases of the Marine Environmental Data Service in Ottawa and the National Oceanographic Data Centre in Washington provided much of the early station header information.

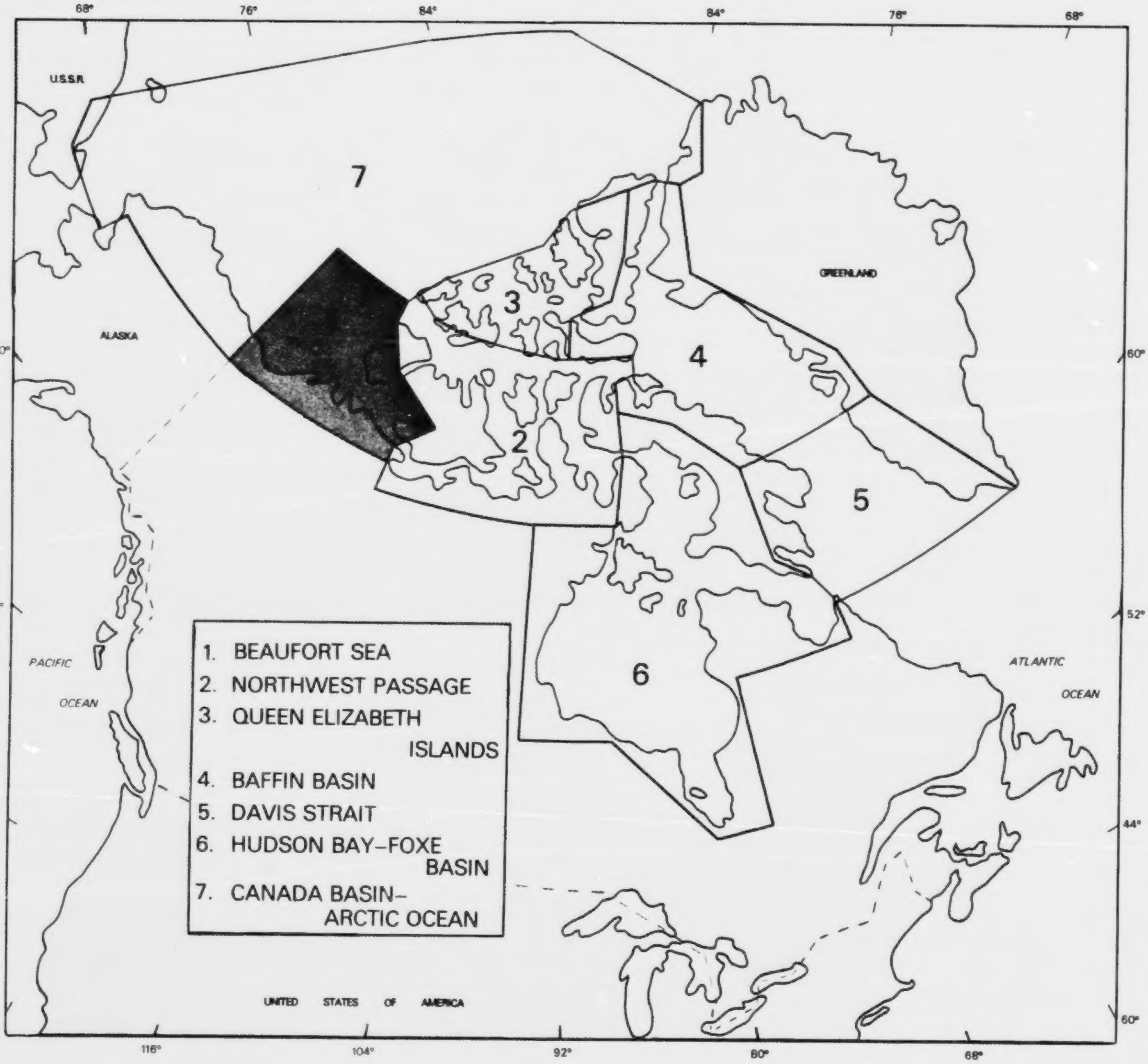
Within Arctic Sciences Ltd., D. Gilbert, B. Cann and S. Norton were responsible for word processing and report production, R. Chave for computer programming and D. Stover for drafting.

FUNDING

Funding for this work was provided by:

- Department of Fisheries and Oceans (DFO)
- Office of Energy, Research and Development (OERD)
- Northern Oil and Gas Action Plan (NOGAP)

ARCTIC DATA COMPILATION
AND APPRAISAL
VOLUME 12
Beaufort Sea and Amundsen Gulf: Physical Oceanography


68°
76°
84°
84°
76°
68°
U.S.S.R.
7
ALASKA
3
GREENLAND
4
2
5
6
60°
60°
52°
52°
44°
44°
124°
60°
PACIFIC
OCEAN
ATLANTIC
OCEAN
1. BEAUFORT SEA
2. NORTHWEST PASSAGE
3. QUEEN ELIZABETH ISLANDS
4. BAFFIN BASIN
5. DAVIS STRAIT
6. HUDSON BAY-FOXE BASIN
7. CANADA BASIN-ARCTIC OCEAN
UNITED STATES OF AMERICA
116°
104°
92°
80°
68°

The area covered by this volume is shaded in the map above.

VOLUME 12: Beaufort Sea and Amundsen Gulf: Physical Oceanography, Temperature, Salinity, Currents, Water Levels and Waves

VOLUME ABSTRACT

This inventory contains a catalogue of physical oceanographic data collected in the Beaufort Sea and Amundsen Gulf between 1914 and 1986 inclusive. This is an update of the original inventory by Cornford et al. (1982). Times and locations of measurements are listed and displayed graphically for temperature-salinity, current-meter, water-level, wave and drifter data. Yearly plots showing the locations of all measurements are included as are indexes by area and measurement type. References and sources are listed for all data included in the inventory.

Key words: Amundsen Gulf, Beaufort Sea, currents, data, inventory, salinity, temperature, tides, water properties, wave

1. INTRODUCTION

In this report, the physical oceanographic data collected in the Beaufort Sea, Amundsen Gulf and the adjacent shoreward waters are catalogued. The information provided includes the times and locations of measurements, the parameters measured, and the type of instrumentation. The data themselves are not included, but sources for the data and any reports or references utilizing the data are cited wherever possible. This will enable potential users of the data to determine what is available in their area of interest, what data were collected using a specific measurement technique, and whether those data may be of value.

This updated version includes recent (1981-1986 inclusive) data not included in the original inventory of Cornford et al. (1982). The inventory has also been expanded to include wave data and other physical oceanographic data which were identified by the chemical, biological and other inventories completed subsequent to Cornford et al. (1982). Any other known omissions and errors have also been corrected. The data quality rating system has been changed slightly to be in agreement with the more recent inventories. In particular a rating of "0" now signifies the data are either wrong or of very limited value due to lack of documentation.

The original inventory identified over 80 distinct data sets. In preparing this update, approximately 117 additional data sets have been included, more than doubling the data base. Many of these data were obtained during biological and fishery-related surveys. The AIDJEX data, while identified in the earlier inventory, have been included here in full so as to make the data base more complete.

2. STUDY AREA

The study area includes that portion of the Beaufort Sea lying to the south of 75°N latitude, to the east of 141°W longitude and bounded on the south and east by the coastline of the Northwest Territories, Banks and Victoria Islands, as illustrated in Figures 1 and 2. The area includes Amundsen Gulf, a large semi-enclosed basin of water freely connected to the Beaufort Sea to depths of 325 m.

The bathymetry of the area (Figure 2) is characterized by several distinctive features. A broad, shallow continental shelf borders the mainland coast and the west coast of Banks Island. The edge of the shelf lies between the 100 and 200 m isobaths and may be as far as 100 km from shore, with depths of less than 10 m being found as much as 30 km offshore. Depths increase rapidly over the continental slope. The depth gradient is particularly large from the 100 m to the 1,000 m isobath; beyond, the bottom depth increases more gradually with distance offshore over the continental rise, and eventually levels out at about 3,600 m in the relatively flat Canada Abyssal Plain.

The shelf is interrupted in two places in the study area: in the west off Herschel Island, where the Herschel Canyon has depths of 100 m or more within 35 km of the coastline; and in the east, where a deep trough (325 m) connects Amundsen Gulf with the Beaufort Sea. Amundsen Gulf has depths in excess of 600 m, and relatively steep sides. A similar trough connects the Beaufort Sea with M'Clure Strait in the northeastern portion of the study area.

An important factor in collecting Arctic oceanographic data is the sea-ice coverage. Where present in sufficient quantity and thickness, sea-ice can provide a stable platform for the collection of oceanographic data (e.g. current and CTD data from ice island T-3 and from the AIDJEX studies). However, sea-ice can often hinder data collection by restricting ship operations in the summer months and by damaging subsurface instrumentation placed on and above the sea-floor. There are three major forms of sea-ice in the Beaufort Sea: landfast ice that is attached to the shore, extending to variable distances offshore; pack ice, which occupies the central portion of the Arctic Ocean, moving under the influence of winds and currents; and seasonal ice cover occurring between the landfast and pack ice during the winter months.

The landfast ice is a seasonal phenomenon, beginning to form in late September or early October. Deterioration of the landfast ice begins as early as March, when large leads form west of Banks Island with subsequent clearing from the western portions of Amundsen Gulf. In late May, land runoff begins to accumulate at the mouth of the Mackenzie River and, by late June, open water season has begun.

The pack ice is composed largely of multi-year ice as well as some first-year ice floes and ice islands. The pack ice often retreats offshore in the summer months; the variations in the extent of its retreat are illustrated in Figure 3. The seasonal pack ice cover forms in the fall and exists as highly concentrated but mobile ice floes throughout the winter and spring. Melting of the seasonal ice cover occurs through June to August.

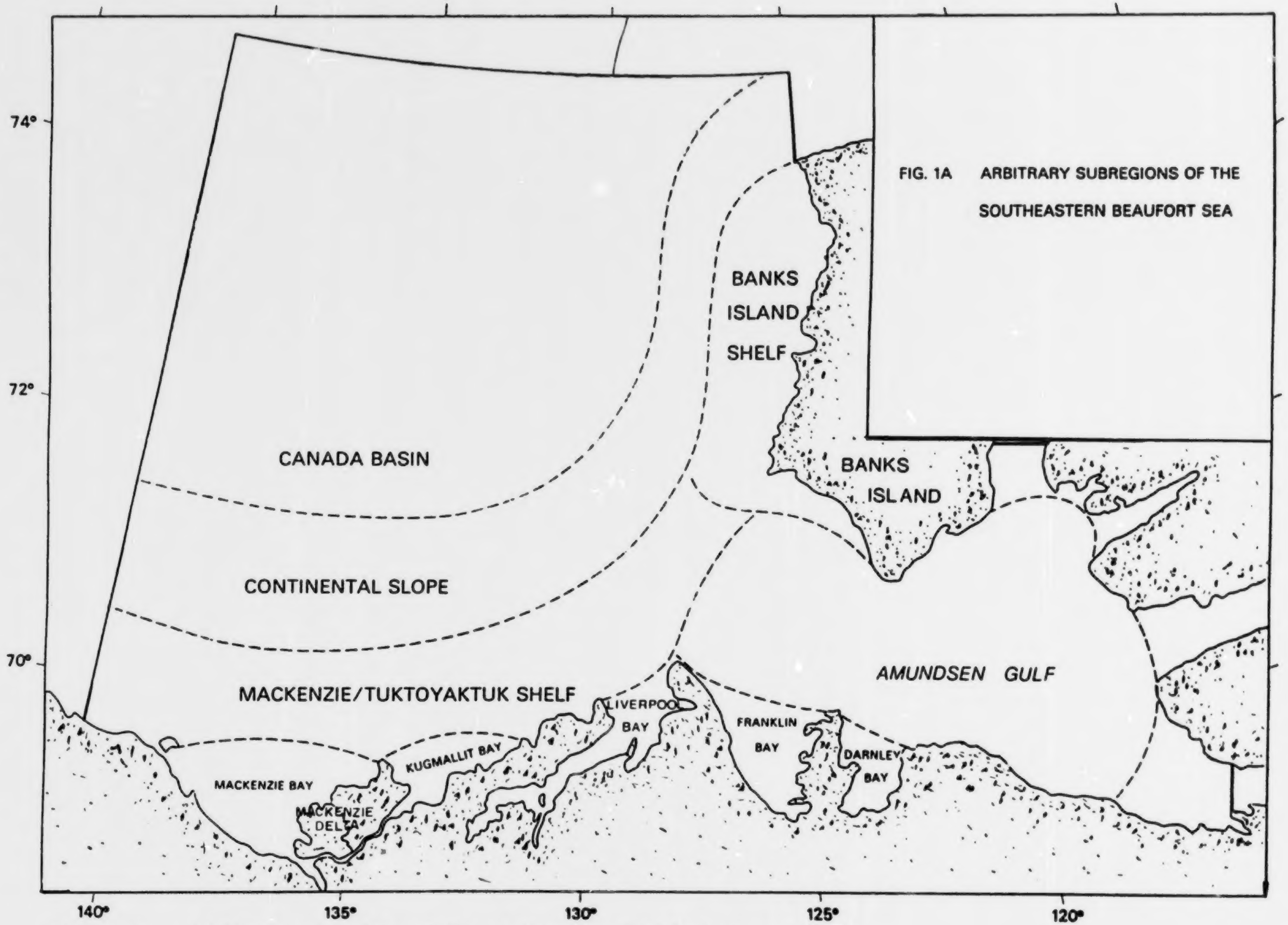


FIG. 1A ARBITRARY SUBREGIONS OF THE SOUTHEASTERN BEAUFORT SEA
74°
72°
70°
140°
135°
130°
125°
120°
CANADA BASIN
CONTINENTAL SLOPE
MACKENZIE/TUKTOYAKTUK SHELF
BANKS ISLAND SHELF
BANKS ISLAND
AMUNDSEN GULF
MACKENZIE BAY
MACKENZIE DELTA
KUGMALLIT BAY
LIVERPOOL BAY
FRANKLIN BAY
DARNLEY BAY

Figure 1a. Arbitrary subregions of the southeastern Beaufort Sea.

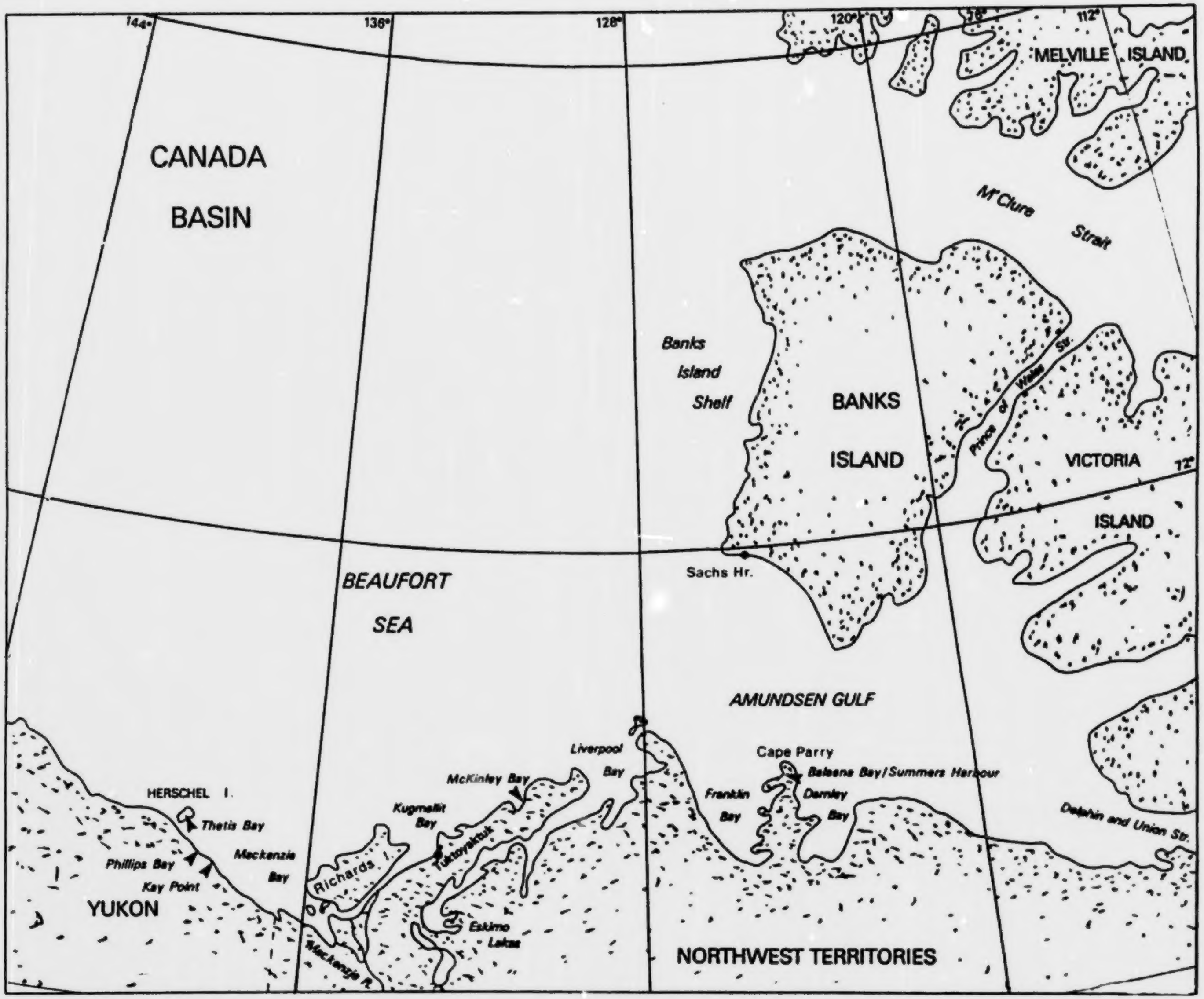

144°
136°
128°
120°
76°
112°
72°
CANADA BASIN
MELVILLE ISLAND
M'Clure Strait
Banks Island Shelf
BANKS ISLAND
Prince of Wales Str.
VICTORIA ISLAND
Sachs Hr.
BEAUFORT SEA
AMUNDSEN GULF
Cape Parry
Balaena Bay/Summers Harbour
Darnley Bay
Franklin Bay
Dolphin and Union Str.
Liverpool Bay
McKinley Bay
Kugmallit Bay
Tuktoyaktuk
Richards I.
Eskimo Lakes
Mackenzie R.
HERSCHEL I.
Thetis Bay
Mackenzie Bay
Phillips Bay
Kay Point
YUKON
NORTHWEST TERRITORIES

Figure 1b. Place names of the study area.

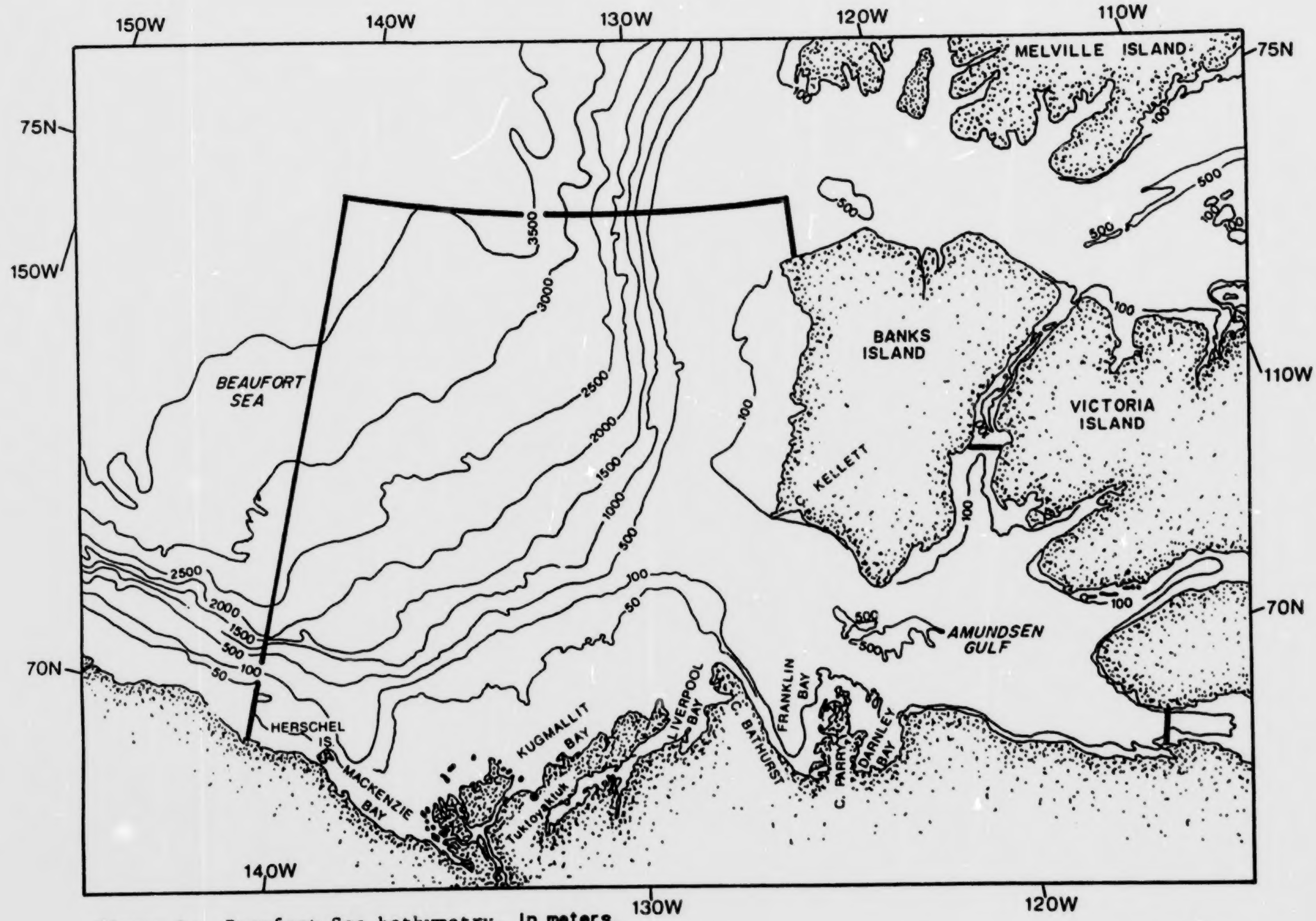

150W
140W
130W
120W
110W
75N
150W
75N
110W
70N
70N
140W
130W
120W
MELVILLE ISLAND
BANKS ISLAND
VICTORIA ISLAND
KELLETT
AMUNDSEN GULF
BEAUFORT SEA
HERSCHEL IS.
MACKENZIE BAY
KUGMALLIT BAY
Tuktoyaktuk
LIVERPOOL BAY
C. BATHURST
FRANKLIN BAY
C. PARRY
DARNLEY BAY
3500
3000
2500
2000
1500
1000
500
100
50

Figure 2: Beaufort Sea bathymetry, In meters.

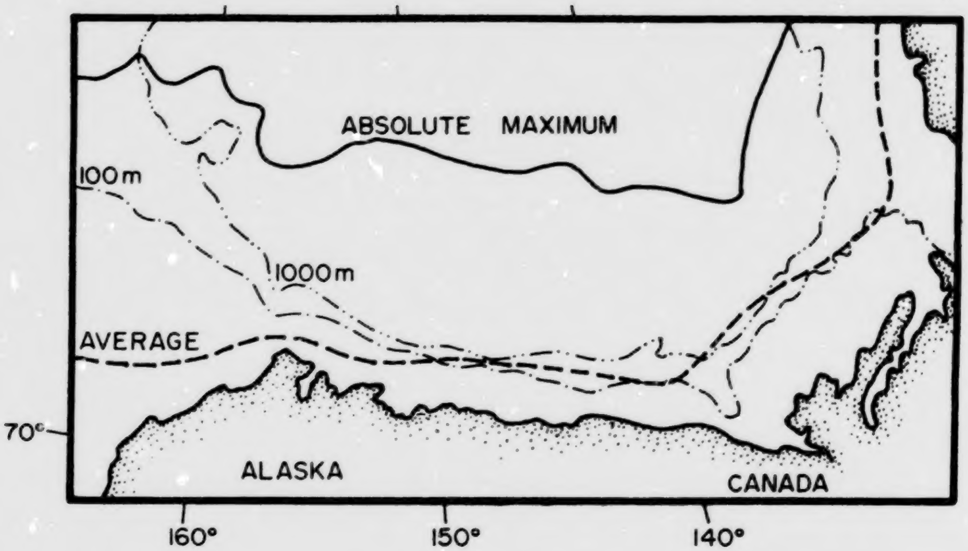


Figure 3. The average and maximum retreat of the pack-ice in summer.

The deep portions of the Beaufort Sea contain the three water masses which make up the Arctic Ocean (Coachman & Barnes, 1961). The surface layer of Arctic Water is below 0°C in temperature, quite dilute, and well mixed down to about 50 m. Salinity increases quickly with depth to 150 or 250 metres, at which depth the second water mass, the Atlantic Water is found. The Atlantic Water extends to about 900 m and has temperatures of about 0°C and salinities of 34.5 to 35.0°/oo. Below 900 m is the Bottom Water, with temperatures below 0°C and salinities between 34.93 and 34.99°/oo. In the areas of the Beaufort Sea where open water occurs in the summer, the near-surface portion of the Arctic Water becomes further diluted by melting ice and runoff, and is warmed by the sun. The Mackenzie River supplies a large volume of fresh water to the continental shelf, and its influence occasionally extends to the entrance of Amundsen Gulf.

The surface circulation over the deeper portions of the Beaufort Sea is dominated by the Beaufort gyre which moves clockwise over the Canada Basin. Over the continental slope, and seaward of about the 50 m isobath, an easterly flow exists, termed the Beaufort Undercurrent by Aagaard (1984). The circulation on the continental shelf is much more complex and depends chiefly on the wind and the outflow of the Mackenzie River.

3. HISTORICAL BACKGROUND

3.1 EARLY HISTORICAL DATA

Information on the physical oceanography of the southeastern Beaufort Sea collected before the 1950's was usually incidental to other purposes, such as geographical exploration, and therefore tends to be less reliable and complete than later data collected expressly for oceanographic research. The first oceanographic information was likely collected by the local Inuit population in anecdotal form. When European ships began to enter the area in the 1850's, often in pursuit of whales, surface temperatures were sometimes measured and currents were deduced from observed ship drift under calm winds (Collinson, 1889; Cook, 1926; Bodfish, 1936). Scientific expeditions to the area were undertaken after the turn of the century, with the most notable of these being the expeditions led by Stefansson (1921) from 1913 to 1917. Since the primary scientific objectives encompassed many disciplines, only limited information on currents and water properties was obtained. More recently, surface temperature and salinity data were collected by Captain Larsen of the R.C.M.P. using the vessel St. Roche in 1935 and 1937 (Tully, 1952), Figure 4.

3.2 POST-WORLD WAR II DATA

Following the Second World War, defence requirements led to several oceanographic cruises to the area using both Canadian and American icebreakers. For the first time, sufficient oceanographic data, consisting primarily of vertical profiles of temperature and salinity at many different locations, were collected to describe the circulation of the area. However, the description was based on indirect methods, either the dynamic method (Fomin, 1964) or methods using the horizontal distribution of water properties as tracers of water movements. Some direct measurements of currents were collected from the icebreaker cruises, but these were of such a short duration (from a single reading to a period of several hours) that the values could not be taken as being representative of the net circulation.

By the early part of the 1960's, large-scale oceanographic cruises to the area became increasingly rare. However, cruises in small vessels concentrated in the nearshore areas (often as part of biological studies) collected a considerable amount of shallow water temperature and salinity data (Figure 4).

During the early 1970's two large projects, AIDJEX and the Beaufort Sea Project, were responsible for large amounts of data being collected in the Canada Basin and Beaufort Sea, respectively. The AIDJEX (Arctic Ice Dynamics Joint Experiment) program focused on the interaction of the ocean, sea-ice and atmosphere. The Beaufort Sea Project's goal was to provide the necessary environmental knowledge required to determine the conditions and restraints under which exploratory drilling would be allowed to commence in 1976.

In the late 1970's and continuing into the 1980's, most oceanographic surveys were carried out as part of the search for oil and gas in the Beaufort Sea. These programs made use of modern oceanographic instrumentation for the first time in this area, including self-recording current meters to provide long-term direct measurements of currents, and continuous profiling CTD (Conductivity-Temperature-Depth) probes. Both government and oil industry groups were involved in collecting data.

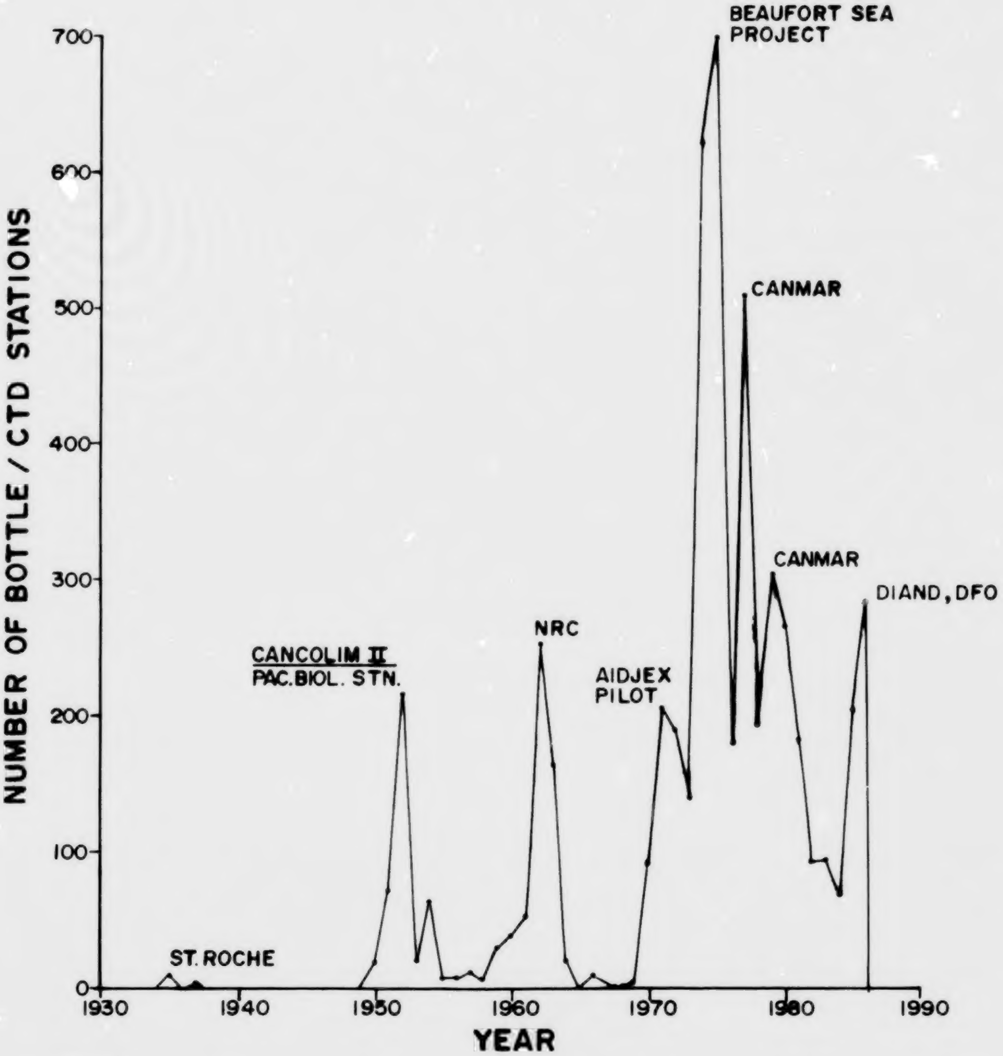


Figure 4. Level of oceanographic effort, based on the number of bottle-CTD stations per year. The primary vessels/agencies responsible for peaks in activity are indicated.

4. GENERAL REPORT LAYOUT AND USER INSTRUCTIONS

4.1 DATA SETS

In this catalogue, the data are organized in sets, where each set consists of data of a common type, usually taken on a single expedition or cruise by a single institution or organization. In some cases, where similar methods were used, more than one cruise has been assigned to the same data set. In those cases, letter suffixes have been used to differentiate different cruises. Thus, unless otherwise noted, all the data within a single set may be assumed to have been collected in a uniform manner and should conform to a common standard of measurement.

Each data set has been assigned an identification number of the form yy-nnnn, where yy = last 2 digits of the year in which data were collected and nnnn = order of identification for that particular data set, for that year. The data-set number is a unique identifier which applies throughout the entire series of ADCAP inventories; any set identified, for example, as 72-0009 is the same data set no matter where the reference to it is made. Gaps may appear in the sequence of data-set numbers in this inventory for a particular year, because each data set will not appear in every discipline and geographical area.

The identification numbers are often accompanied by the vessel and/or agency involved. Usually the agency refers to the one responsible for data collection, as this is often a better indicator of data quality than the name of the group which funded the project.

4.2 INVENTORY ORGANIZATION

Table 1 (Section 8) lists all the data sets in the inventory in order of data-set number. It provides a summary description of each set including the times, areas and methods of measurements. Table 1 also gives a listing, not necessarily complete, of concurrent measurements from other disciplines.

Geographical and measurement type indexes are in Section 10. The subareas in the geographical index are shown on the maps in Figures 1a and 1b. Section 10 also contains an index of references, ordered by data-set number. It is primarily an index of data reports, although ancillary papers analyzing or discussing the data are listed if they came to our attention.

Measurement locations are plotted in a series of maps in Section 9. Five different maps, all in Lambert Conformal Conic projection, have been used to plot stations. In most cases, the overall map of the entire study area is used, along with one or more of the larger-scale maps. The coastlines have been smoothed, and small islands removed, to avoid clutter. Map specifications and a key to the symbols on the maps are presented at the beginning of Section 9.

Detailed listings of the times and locations of individual measurements are in Section 11. There is a separate listing for each data type. The format of the listings is explained at the beginning of Section 11.

Data sets were rated according to the criteria in Section 5. The ratings are included in Table 1. Appendix 1 contains comments explaining the reasons for low ratings, and any other pertinent remarks concerning the data. The comments are ordered by data-set number.

Section 6 contains a general description of the extent of the data available in this area. Sections 6.1 and 6.2 describe their geographical and seasonal distribution. Section 6.3 tabulates instances of repeated measurements in the same area and groups data-sets where measurements were carried out simultaneously, in different areas, or by different agencies.

4.3 SAMPLE USE OF THE INVENTORY

A typical use of the inventory might be as follows:

1. Examine the maps in Section 9 for measurements during the year(s) of interest, and note the data-set number of interest.
2. Refer to Table 1 to find the dates, measurement methods, accuracies and data sources.
3 If more specific information is required concerning the timing or location of individual measurements in the set, refer to the header listings in Section 11.
4. Consult the reference index in Section 10 for works referring to or using the data.

5. DATA RATING AND APPRAISAL

5.1 TYPES OF DATA

5.1.1 BOTTLE CAST DATA

These data consist of temperature and salinity measurements at discrete depths (ideally the international standard depths) obtained by means of reversing thermometers and sampling bottles. Temperature accuracies of ±0.01°C may be achieved by averaging two or more carefully read, well-calibrated thermometers. Some investigators have used hydrometers (±0.2^{o}/oo) and refractometers (±0.5^{o}/oo) for the determination of salinity. Up to 1960 salinity was usually obtained by titrating water samples drawn from the bottles; replicate titrations in the hands of a good operator could yield results precise to ±0.01^{o}/oo. In the 1960's, salinometers measuring salinity via the conductivity of the sample replaced titrations. A precision of ±0.003^{o}/oo can be obtained with the better instruments, although in the past, systematic errors of ±0.02^{o}/oo or more could be introduced by variations in the standard water used to calibrate the instruments. New international standards for salinity should eliminate the latter source of error (Lewis, 1980).

5.1.2 CTD DATA

CTD data are produced by in-situ profiling instruments variously called STD (salinity-temperature-depth), STP (salinity-temperature--pressure), CTD (conductivity-temperature-depth) or CTP (conductivity--temperature-pressure) profilers. Fundamentally, all are CTP devices; the variations in output and name depend solely upon the degree of internal data processing. All instruments perform the same basic function of measuring (more or less continuously) temperature and conductivity as a function of depth. The precision achievable with such devices depends upon the individual instrument. The best are capable of a precision of ±0.005°C and ±0.005°/oo, although accuracy in salinity, until recently, was limited to approximately ±0.02°/oo because of the inconsistencies in salinity standards and definitions (Walker and Chapman, 1973).

5.1.3 BATHYTHERMOGRAPH

The bathythermograph (BT) is a thermo-mechanical device which measures water temperature as a function of pressure. Its information is recorded as a trace, on a smoked-glass or gold-coated slide, which can be read to an accuracy of ±0.2°C and ±2 m depth if the instrument is well calibrated. The BT was widely used in conjunction with bottle casts but has largely been superseded by the CTD. XBT's are the expendable variety. BT data have not generally been compiled, unless they were accompanied by other physical oceanographic measurements.

5.1.4 SELF-RECORDING CURRENT METERS

By the 1970's, oceanographers could practically and reliably place and recover self-recording current meters in the water column. Meters of this type generally record internally on magnetic tape (in some models photographic film or paper charts are used), or telemeter the data to a ship or to a shore receiving station. They generally provide time series of current speed and direction, and may have other sensors (for measuring temperature, pressure or conductivity) as well. Current speed and direction are usually measured by one of two methods: either by a propeller or rotor for measuring speed and a vane for direction sensing, or by the measurement of two orthogonal components of the current flow. Current components may be measured by dual-orthogonal propellers, or by electromagnetic or acoustic sensors. Directional reference is usually provided by a magnetic compass. Commonly used instruments employing the propeller and vane system are the Aanderaa, HydroProducts, Endeco and AMF (vector-averaging) current meters; those employing the component-measuring system are the Cushing and Marsh-McBirney instruments (electromagnetic), the Neil Brown (acoustic), and the Davis-Weller (orthogonal-propeller) instruments.

The precision and accuracy of current meters depend both on the design of the instrument, and on the environment in which it is used. Serious problems may be encountered if rotor-type meters are used in the wave zone. Calibration drift and sensor fouling can interfere with satisfactory operation of electromagnetic and acoustic sensors. The sampling frequency and integration period selected for the meter can also affect the accuracy of the record. In the Canadian Arctic, special problems in direction measurement are encountered when using any type of current meter because of the proximity of the magnetic pole. Directional accuracies are generally degraded unless the current meter is oriented by rigid moorings to a fixed surface.

5.1.5 PROFILING CURRENT METERS

These current meters provide a series of point measurements of current speed and direction at several depths throughout the water column. Meters used for this purpose are generally of the propeller or rotor and vane design. Measurements usually are taken through the ice or from an anchored ship in shallow water. In water too deep for anchoring, a very good positioning system is required to correct for ship movements. Unless repeated profiles were taken so as to form a time series, this type of data was not generally catalogued.

5.1.6 RADAR OR AIRCRAFT-TRACKED DRIFTERS

This type of drifter usually consists of a float (with or without a drogue) and a radar reflector or visual marker. These devices can be tracked visually or by radar from shore or from a ship or aircraft. The accuracies achievable depend upon the tracking system used, and can be very good if a sophisticated system is available. Data of this type are often limited in their coverage in space and time, and may have gaps resulting from bad weather.

5.1.7 SATELLITE-TRACKED DRIFTERS

Satellite-tracked drifters are a comparatively recent invention, dating from the early 1970's. Widespread use of these devices began after the launch of the Nimbus VI satellite carrying the Random Access Measurement System (RAMS) in 1975. In early 1979, the TIROS-N satellite was launched, activating Service ARGOS which is now used to track all such devices.

Both RAMS and System ARGOS compute position from the Doppler shift of a signal transmitted from the buoy to the satellite. On each pass of the satellite, the position (and any other data being measured) is received and sent to a ground facility where the data are processed. The RAMS system produced positional accuracies of approximately ±2 km whereas recent ARGOS positions are accurate to ± 500 m or better.

5.1.8 AIRCRAFT AND SATELLITE-DERIVED SEA-SURFACE-TEMPERATURES

Aircraft and polar-orbiting satellites have been used to provide images of sea-surface-temperature (SST), based on the thermal infrared radiation received by the air-borne sensors. Such images are particularly useful in the Beaufort Sea since they help map the Mackenzie River plume and also pinpoint areas of upwelling. This technique has generally been used only within the last couple of years, often in conjunction with boat-based surveys. Such surveys will be identified in Table 1 as having airborne SST images available.

5.1.9 WATER-LEVEL GAUGES

Water-level data are produced mainly by visual observation of tide staffs, by mechanical shore-mounted float-type gauges, or by bottom-mounted pressure gauges. Some early data consist only of observations of the times of high and low water levels. Pressure gauges may be self-contained, or they may consist of a pressure sensor connected to a shore-mounted recording device. The mechanical gauges record by means of a pen on chart paper. The data are usually digitized at hourly intervals, resulting in a record with a resolution of approximately ±1 cm, and an accuracy of the order of ±5 to 10 cm. The resolution of the bottom-pressure gauges varies from a millimetre to a centimetre, depending upon the instrument type and range. Sampling intervals generally vary between 5 and 60 minutes. Bottom pressure gauges generally record total pressure, atmospheric plus hydrostatic. In order to extract the water level fluctuations due to changing atmospheric pressure (i.e. the inverted barometer effect), the atmospheric pressure must also be recorded. The Canadian Hydrographic Service (CHS) has collected most of the water-level data.

Water levels are referenced to the elevation of a nearby benchmark. Therefore different data sets may be compared in an absolute sense as long as they are referenced to the same benchmark. Water level data from different areas, referenced to different benchmarks, cannot be compared absolutely, since the relative elevation changes between different benchmarks is generally not known. One can determine a long-term average for each record and compare fluctuations about this average however.

5.1.10 WAVE RECORDERS

There are three basic types of wave-measuring devices for measurement from a single point:

a) Surface-piercing instruments. These are fixed relative to the water level and measure surface motion using various methods such as the change in capacitance of a vertical wire.

b) Pressure-measuring devices. Ocean waves produce measurable pressure fluctuations beneath them which, under proper conditions, can be related to wave height.

c) Instruments which measure the vertical acceleration of the water surface. When integrated twice in time, the vertical acceleration yields sea-surface elevation relative to the mean.

In shallow water, types a) and b) are generally used, whereas type c) is more suited to deeper waters. Most wave-data in the Beaufort Sea have been obtained using Waverider acceleration-type buoys. This buoy, manufactured by Datawell of the Netherlands, follows the movement of the water surface and measures the vertical acceleration. Datawell specifies maximum errors of 1.5% (0.065 to 0.5 Hz range) and deviations from the zero of less than 0.5 m.

Surface following buoys are subject to damage and loss due to ice in the Beaufort Sea. Recently there has been more effort in obtaining wave data using bottom mounted pressure sensors such as those manufactured by Sea Data. The advantage of this method is that the instrument is away from the hazardous surface environment. These instruments also often record tidal and temperature data.

5.2 DATA RATING SCALE

5.2.1 RATING DEFINITIONS

The data appraisal in this inventory is intended to provide the reader with an indication of the quality of each data set and its suitability for comparison with other data sets. The appraisal was based primarily on documentation describing the methods used in collecting and processing the data and the investigator's estimate of their precision, accuracy and utility. Subsequent analyses of the data were also taken into account, e.g. if errors were found in a particular data set during a subsequent analysis, and the results were published, these results were used in the assessment. Note that a thorough appraisal, requiring investigation of the data and comparisons with other data sets, is beyond the scope of this report. In effect, in most cases we took the investigator's word for the quality of his data.

The information from the sources above was used to assign a numerical rating to each set. The rating system has five levels, defined as follows:

0: Data were found to be wrong.

1: Data are suspect and probably not internally consistent; trends or patterns within the data are not likely real.

2: Data quality could not be determined due to insufficient support documentation.

3: Data are internally consistent - patterns or trends within the data themselves are probably real, but comparison with other data sets may pose problems.

4: Data are internally consistent and exhibit sufficient standardization that comparison with other 4-rated data should be possible.

Justification for poor ratings, 0 or 1, are provided in the comments in Appendix 1.

5.2.2 ASSIGNMENT OF RATINGS

0 RATING

A data set received a 0 rating if serious deficiencies in technique, or significant systematic errors, occurred. A 0 rating was also assigned if the documentation of the data set lacked essential information (e.g. the positions and times of measurements) which no longer exists.[1]

For example, some data sets contain conductivity measurements but not temperature. Since it was not possible to compute salinity from this information, the data sets received ratings of 0.

1 RATING

A data set received a 1 rating if, either as part of a data report or in subsequent analysis and examination, the original or other investigators questioned the validity of the data without pinpointing specific errors. In general, a 1 rating was assigned if a data set exhibited an atypical distribution of values, or indicated unlikely physical processes, but contained no obvious errors. Such data sets require careful examination before use.

Such a case is 64-0003. The water-level data were considered suspect by Henry & Foreman (1977), and not used in their analyses. Accordingly this data set was assigned a rating of 1.

2 RATING

Ratings of 2 were given to data sets for which it was not possible to carry out an appraisal. Such cases include:

(i) Proprietary data, whose existence is known, but about which no details are available.

(ii) Data sets for which we were unable to obtain documentation but know that data were collected. These data sets are identified and wherever possible the title of the documentation is povided.

3 RATING

Data received a 3 rating if they were internally consistent within the precision of the methods used to collect the data. Precision refers to the degree of random fluctuation experienced when a measurement is repeated many times, while accuracy is the departure of the measurement (or the mean of a series made under controlled conditions) from the true value. Because oceanographic data are normally taken without replication and under uncontrolled conditions, data taken with instruments of a certain precision will have the same (or poorer) level of accuracy. An exception is the case of a series of temperature-salinity measurements taken within a water body of stable, well-defined characteristics, in which case the mean of the series could provide a measurement more accurate than the precision.

---

[1] Note that this definition has been modified from that used in the original Beaufort Sea physical inventory (Volume 1 of the Arctic Data Compilation and Appraisal Series), in order to emphasize that data sets assigned a 0 rating are either wrong or of very limited value due to lack of documentation.

Ratings of 3 were given to all data sets for which no evidence of errors beyond the precision given in Table 1 was found, but which did not satisfy each of the criteria required for a rating of 4 (see below). This is based on data reports and other publications; the actual data were not checked further. In some instances, the instrument and/or precision and accuracy were unknown, but the collecting agency used standardized methods; these data sets were generally awarded a 3 rating when there was no evidence suggesting deficiencies in the data.

Caution should be exercised when comparing two sets of 3-rated data, as their levels of precision may be quite different. The reader should consult both Table 1 and Appendix 1 for precision and error information.

4 RATING

Data received a rating of 4 if: they were measured to the precision available with modern methods described in Section 5.1; they had no evidence of systematic or other errors recorded in the documentation; and they were obtained using measurement instrumentation, methodology and techniques which provide data that can be related to national or international standards.

Since standards tend to change, ratings of 4 were only grudgingly awarded. In many cases, ratings of 3 were assigned because of lack of time and/or sufficient documentation to be certain that a rating of 4 was warranted. Some of these ratings may merit an increase to 4 after further study of the data has been made.

Of all the physical oceanographic data that were inventoried, the bulk of the data is temperature/salinity measurements. Until the early 1960's, water samples were collected by bottle cast and salinities were determined by titration. During most of the 1960's, salinities were generally determined using conductivity bridges. From the late 1960's on, instruments which measured conductivity and temperature in situ (CTDs) became the standard. Salinity was then computed from the temperature and conductivity values.

CTDs with increased resolution have revealed gradations in salinity where previous chemical analyses indicated homogeneous water. Since both bottle and CTD data may have ratings of 3, caution must be used in any comparison.

Salinity determination depends on a standard. In the past this was $35^{o}/oo$ Copenhagen water. However, variability in the standard and in the calibration of the instrumentation often resulted in systematic errors of $\pm 0.2^{o}/oo$ or more.

A new, practical salinity scale has recently been adopted (Lewis, 1980). A conductivity ratio is measured (the conductivity of the unknown to that of a standard laboratory-produced sample) and waters of the same conductivity ratio at a given temperature and pressure are then defined to have the same salinity. This reduces systematic errors in salinity. However, most of the historical data remains subject to a ±0.2^{o}/oo accuracy limitation.

Current-meter data were judged by the instrument characteristics, response, and the deployment methods. The main causes of low ratings are directional errors and contamination by mooring motion and wave-orbital velocities.

6. SUMMARY OF DATA COVERAGE

6.1 SPATIAL COVERAGE, INCLUDING DATA DISTRIBUTION MAPS

The locations of all measurements compiled to date are summarized for bottle/CTD (Figure 5), current-meter and water-level (Figure 6), and wave data (Figure 7).

The location maps of all temperature-salinity (TS) data have been split into pre-1970 (Figure 5a), 1970-1975 (Figure 5b) and post-1975 (Figure 5c). Prior to 1970, most temperature-salinity data were obtained using bottle casts. Standard depths at which data were collected were 0, 10, 20, 30, 50, 75, 100, 150, 200, 300, 400, 500, 600 m. Most of the post-1970 data were obtained using in-situ profiling instruments having vertical resolution on the order of centimetres.

The early bottle cast data (Figure 5a) are fairly evenly distributed, but with Amundsen Gulf and the Canada Basin having received the least attention. From 1970 on, emphasis was concentrated within the shelf and coastal waters off the Mackenzie Delta and the Tuktoyaktuk Peninsula (Figure 5b,c). The reason of course, was due to the hydrocarbon exploration activity on the shelf, and studies as to the effect of the Mackenzie River on shelf processes.

Areas of particularly intensive sampling include Herschel Canyon, Mackenzie Bay, offshore of Richards Island and Kugmallit Bay, and Tuktoyaktuk Harbour. Large quantities of temperature-salinity data are also available for the northwest sector of the Canadian Beaufort Sea. These data, obtained in the AIDJEX programs of 1970, 1971 and 1975-1976, were collected from the permanent pack ice over the deep water of the Arctic Ocean.

In contrast, fewer temperature-salinity data are available for Amundsen Gulf, the continental shelf to the west of Banks Island, and the broad zone over the continental rise which separates the continental shelf from the AIDJEX study areas of 1970 and 1975-1976. The shelf and slope waters west of Banks Island are particularly lacking in temperature-salinity data.

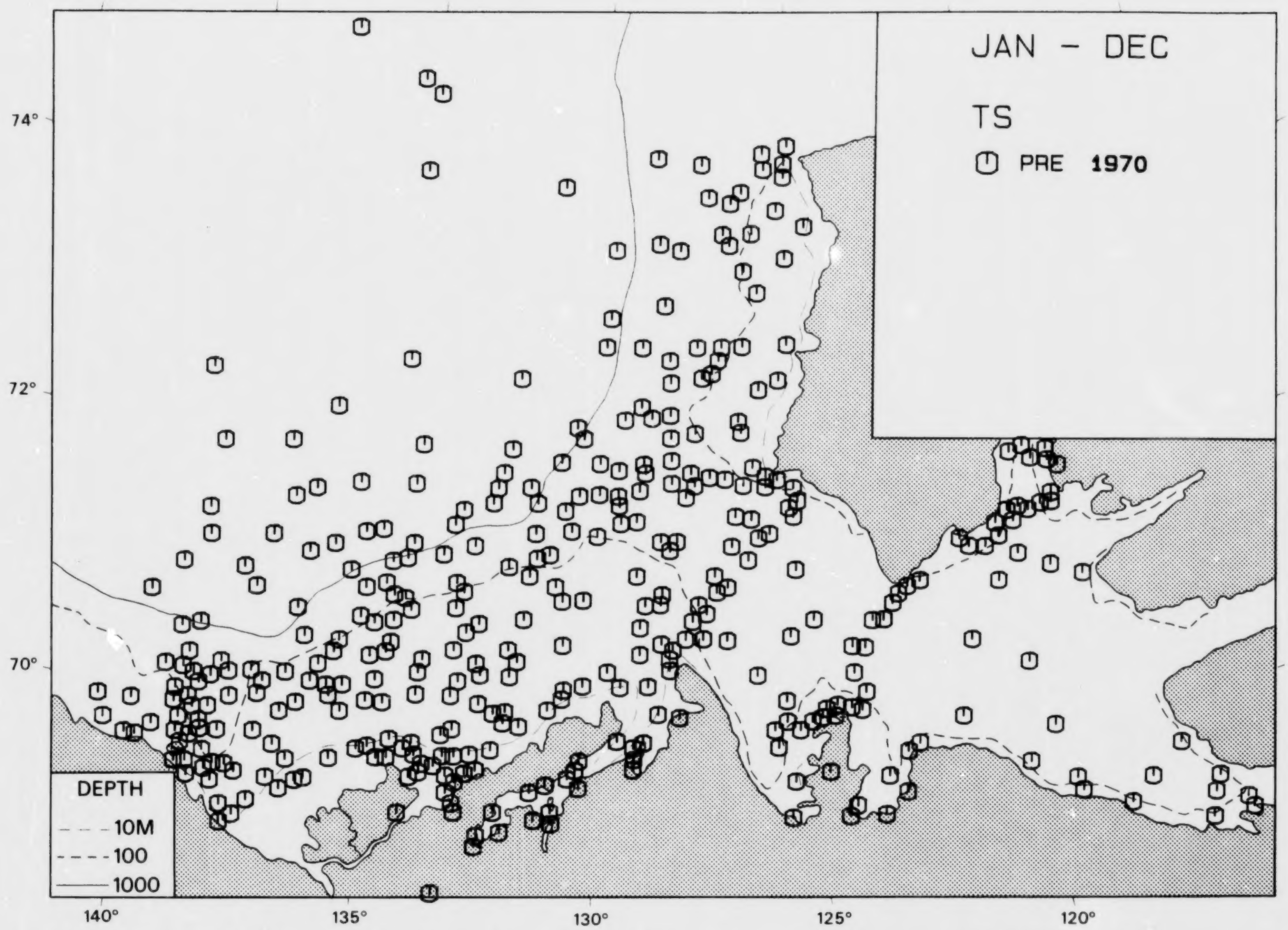

JAN - DEC
TS
PRE 1970
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 5a. The locations of all temperature-salinity (TS) measurements made prior to 1970 (997 stations.)

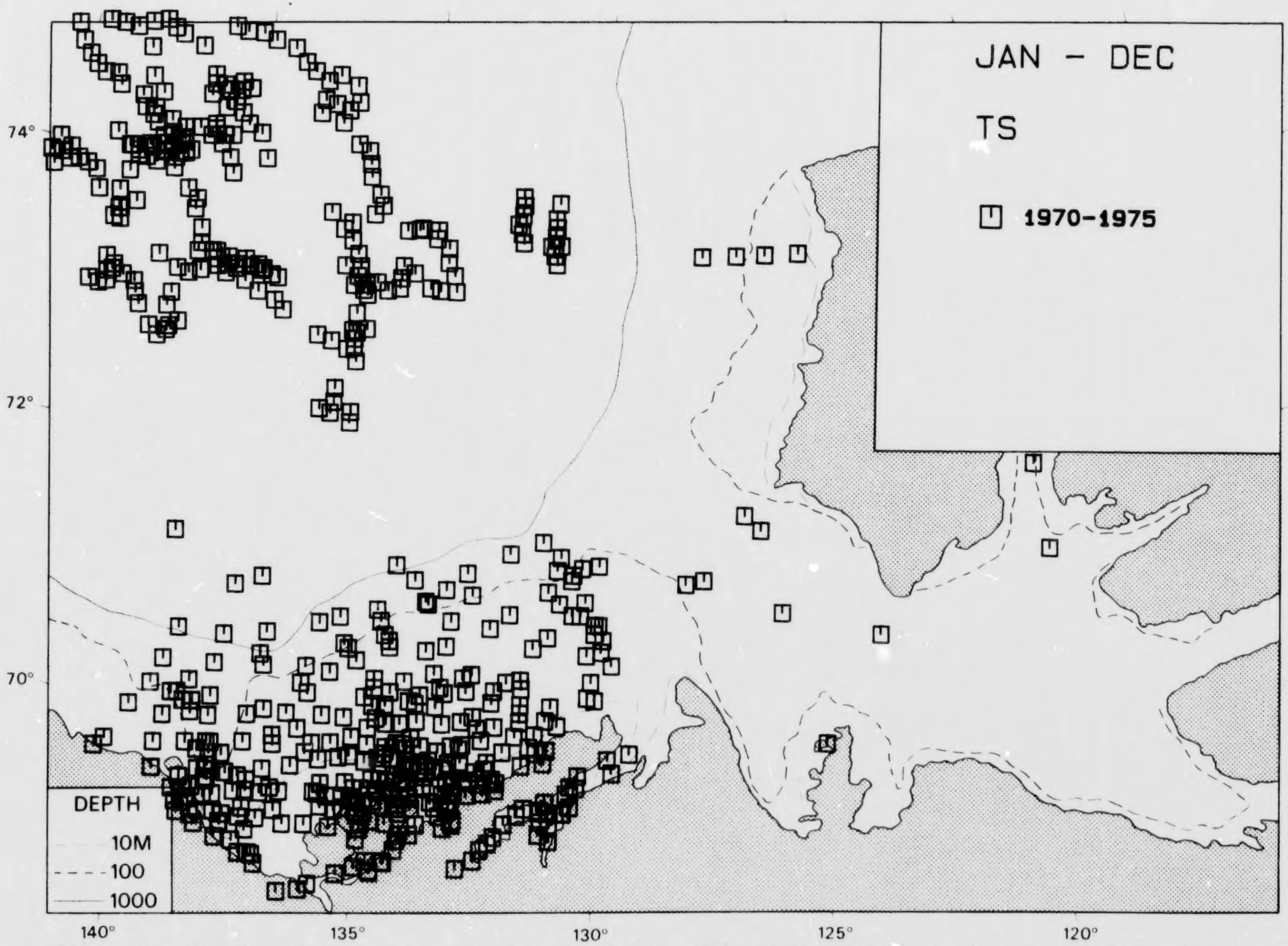

JAN - DEC
TS
1970-1975
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 5b. The locations of all temperature-salinity (TS) measurements made during 1970-1975 (2392 stations, including 450 AIDJEX during 1975.)

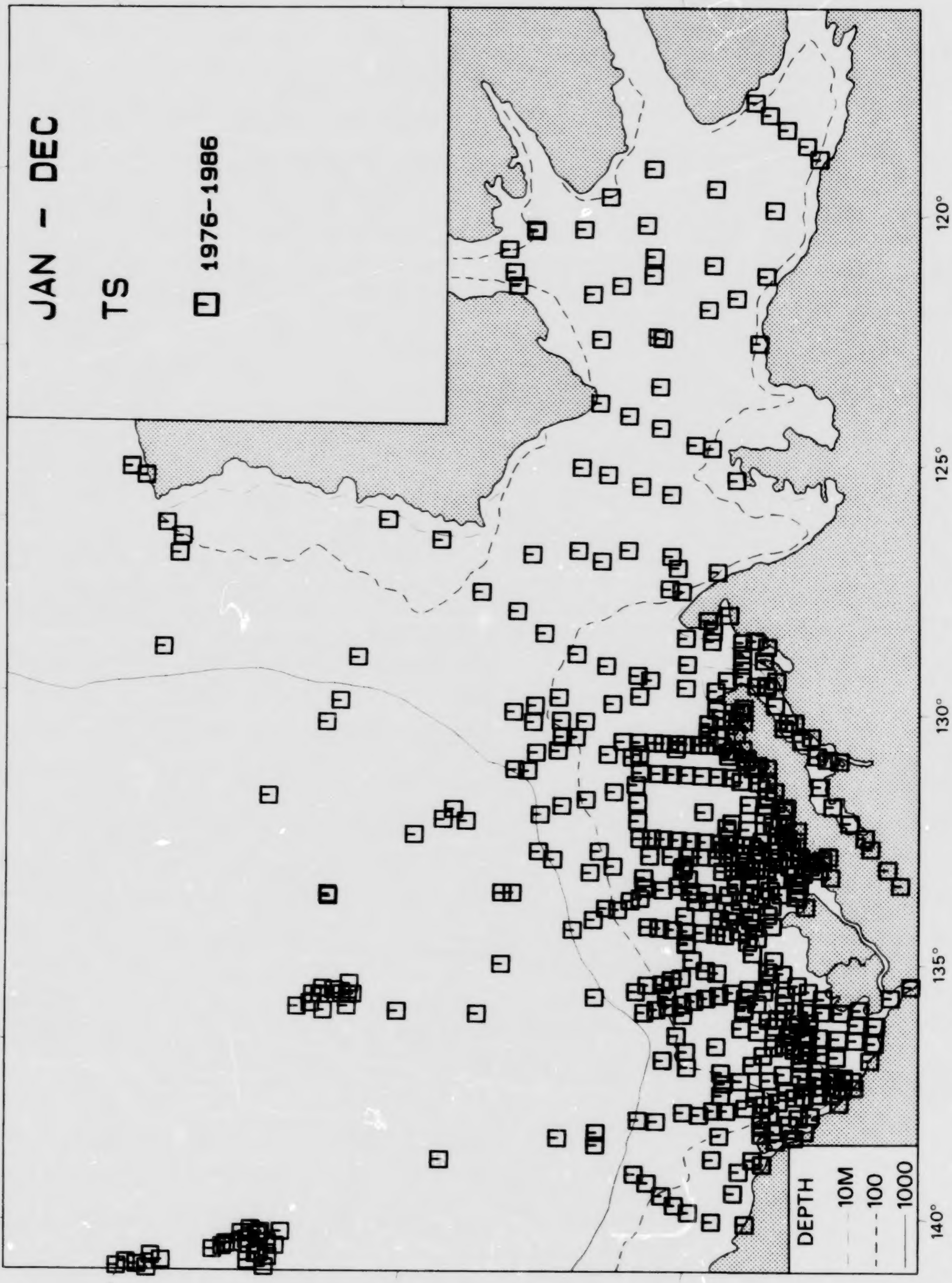

JAN - DEC
TS
1976-1986
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 5c. The locations of all temperature-salinity (TS) measurements made during 1976-1986 (2621 stations, including 252 AIDJEX during 1976.)

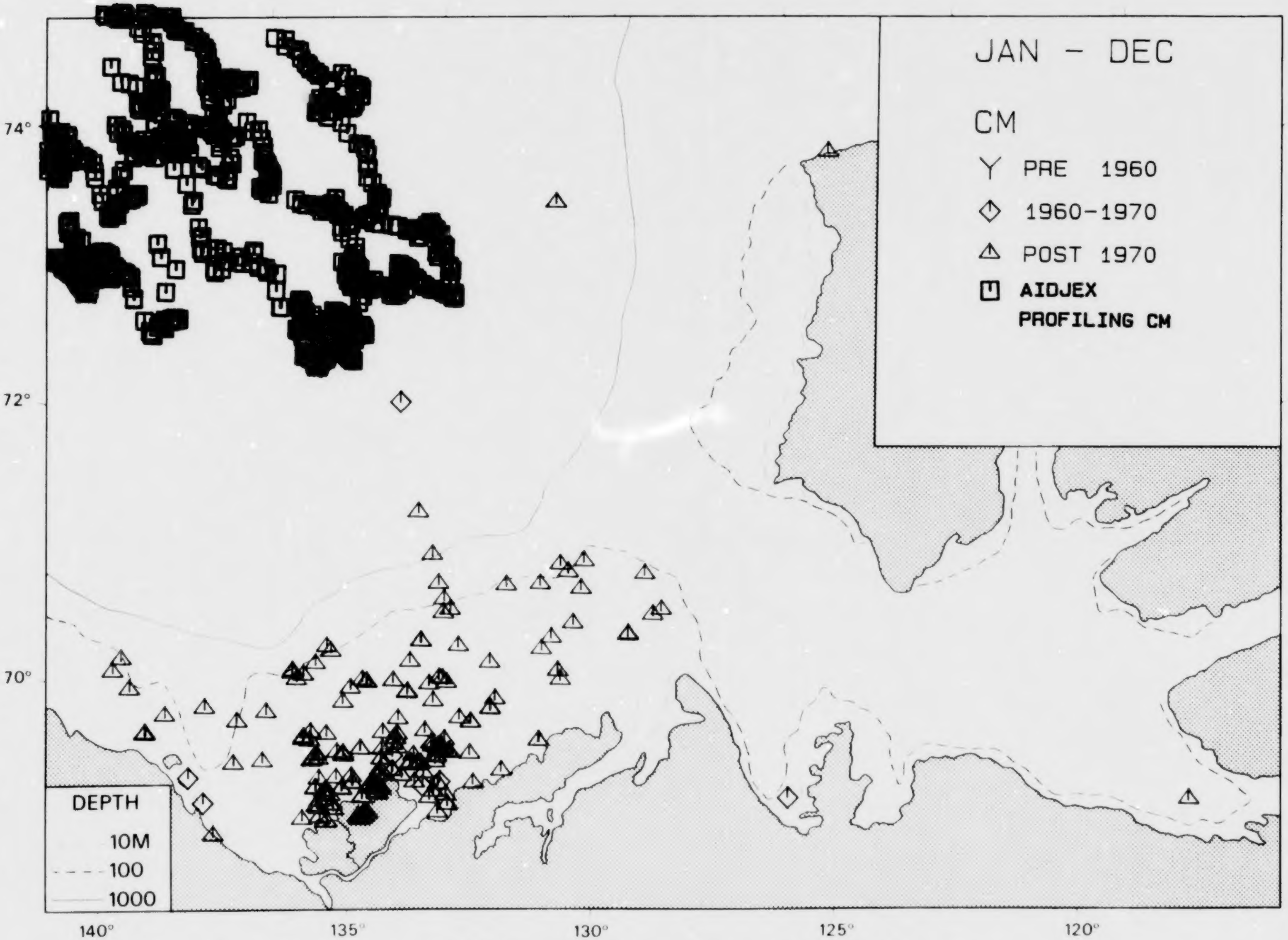

JAN - DEC
CM
Y PRE 1960
◇ 1960-1970
△ POST 1970
☐ AIDJEX PROFILING CM
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 6a. The locations of all current-meter (CM) measurements (349 records).

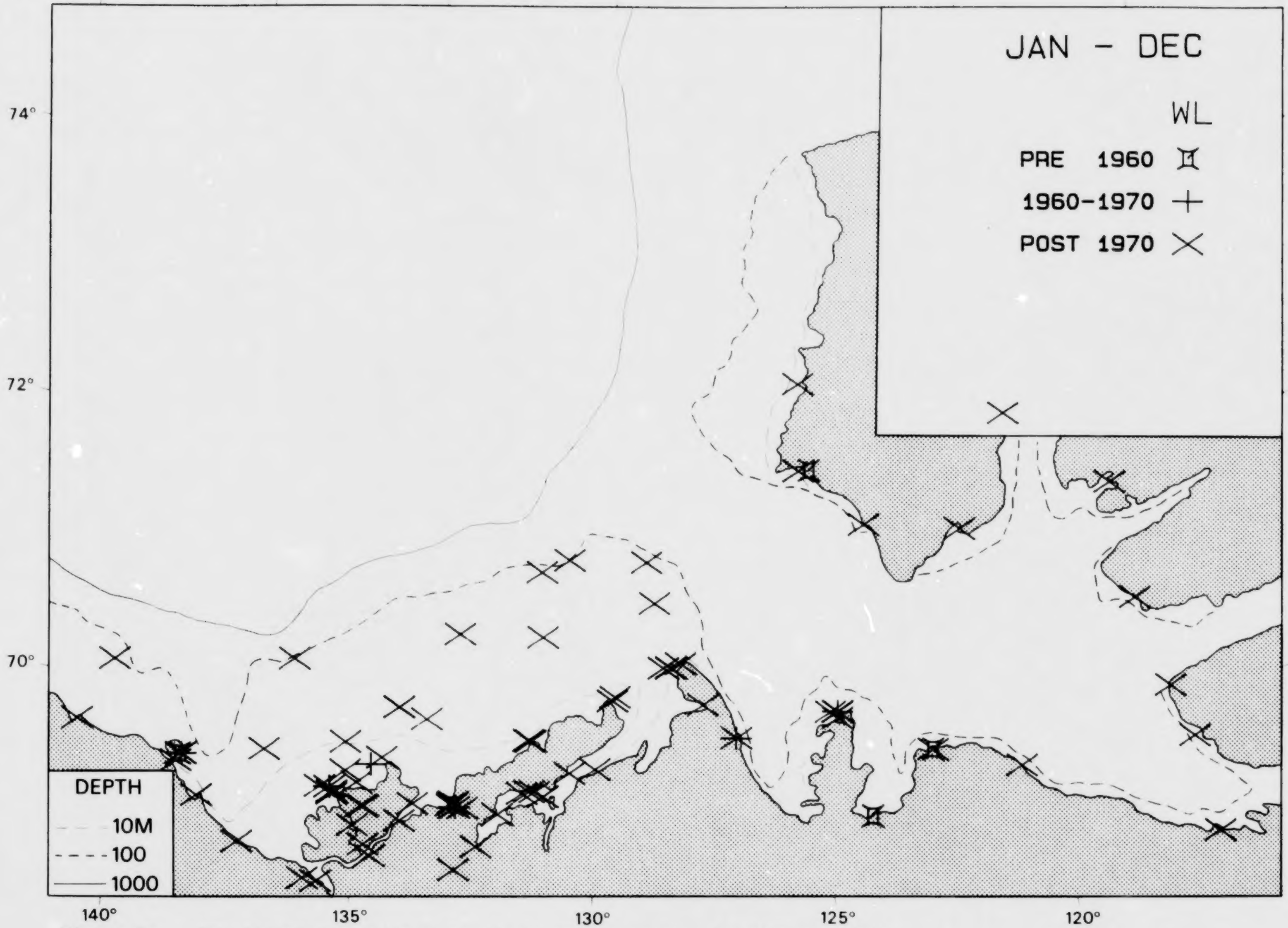

JAN - DEC
WL
PRE 1960 ⌑
1960-1970 +
POST 1970 ×
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 6b. The locations of all water-level (WL) measurements (243 records).

The distribution of current-meter (CM) data (Figure 6a) follows the same general pattern as the temperature-salinity data. Nearly all current data are from the Tuktoyaktuk Shelf - Mackenzie Bay region and the Canada Basin. Areas with practically no current-meter data include Amundsen Gulf and the entire continental shelf bordering western Banks Island.

Water-level (WL) data (Figure 6b) have been obtained intermittently at one coastal location, Tuktoyaktuk, since 1961. At two other coastal stations, Cape Parry and Sachs Harbour, data have been collected since 1966 and 1972, respectively. The remaining water-level data were collected at temporary stations primarily since 1972. The station distribution is concentrated along the coastline between the U.S.-Canada border and the eastern end of the Tuktoyaktuk Peninsula, but also extends around Amundsen Gulf to central western Banks Island. Water-level data have also been collected at offshore locations on the Tuktoyaktuk continental shelf using bottom-mounted pressure sensors. Very little water-level data have been collected along the northern half of the western coastline of Banks Island, in central Amundsen Gulf, or over the deep Canada Basin.

All existing wave data have been collected over the Tuktoyaktuk shelf and in Mackenzie Bay (Figure 7). This is primarily due to the stipulation by the Canadian government that the oil companies collect wave data near their drilling operations.

6.2 SEASONAL COVERAGE, INCLUDING BI-MONTHLY MAPS

A monthly station (Figure 8) and bi-monthly location maps (Figures 9, 10 and 11) demonstrate the seasonal and spatial distribution of available temperature-salinity, current-meter and water-level data.

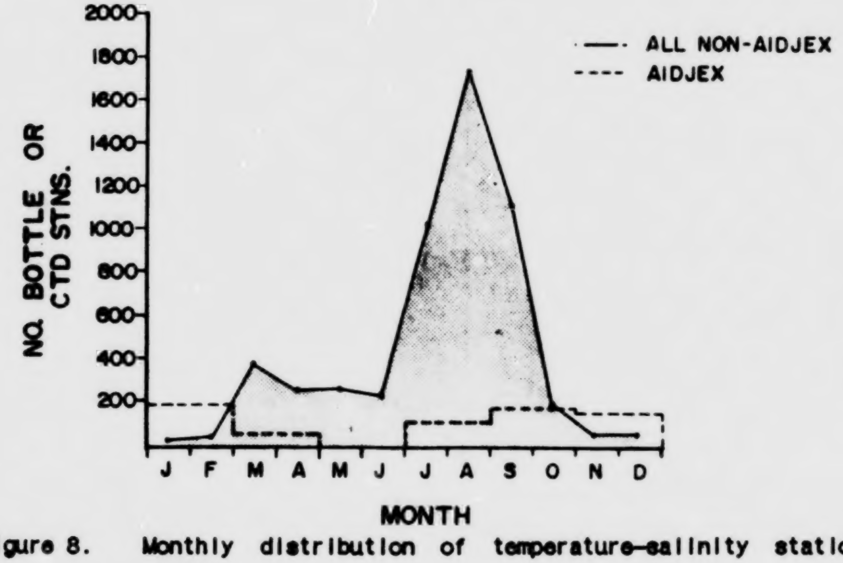


Figure 8. Monthly distribution of temperature-salinity stations, all years.

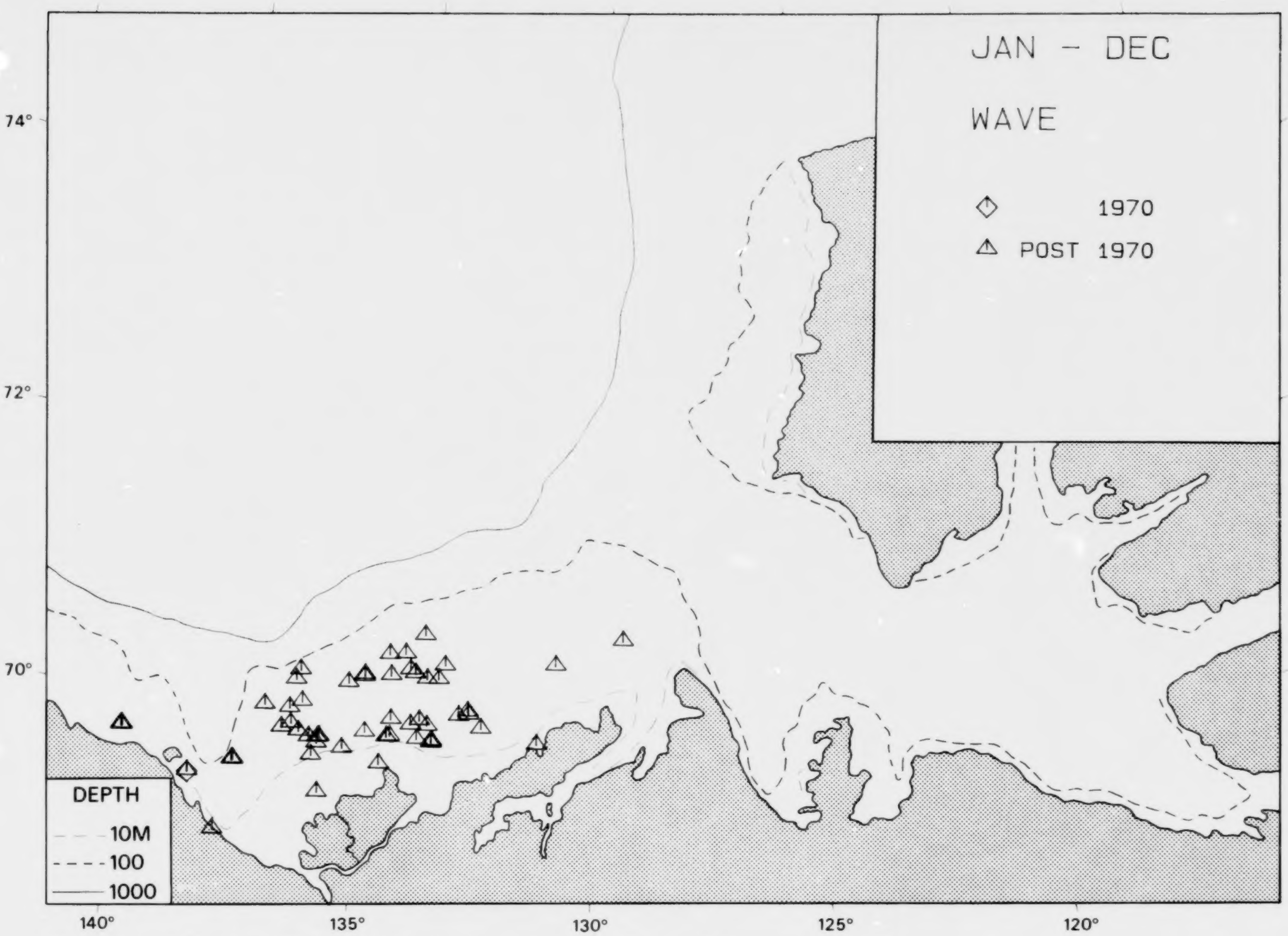

JAN - DEC
WAVE
◇ 1970
△ POST 1970
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 7. The locations of all wave measurements (55 records).

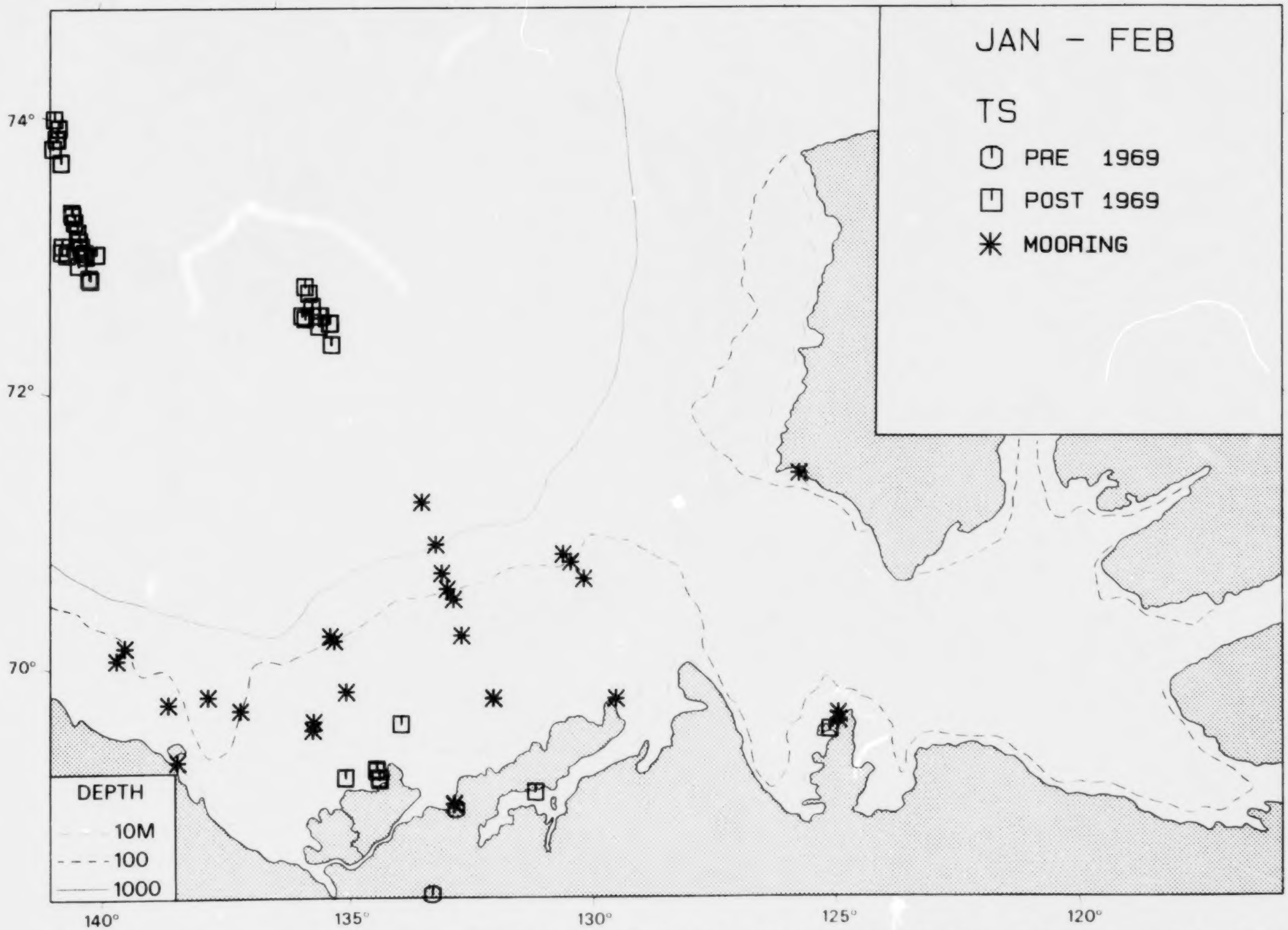

JAN - FEB
TS
PRE 1969
POST 1969
MOORING
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 9a. The locations of temperature-salinity (TS) data collected during the January-February period, all years (239 stations, including 189 AIDJEX). Profile TS data are split as to pre and post 1969. TS data from moored instrumentation are located on the map using a star-like symbol.

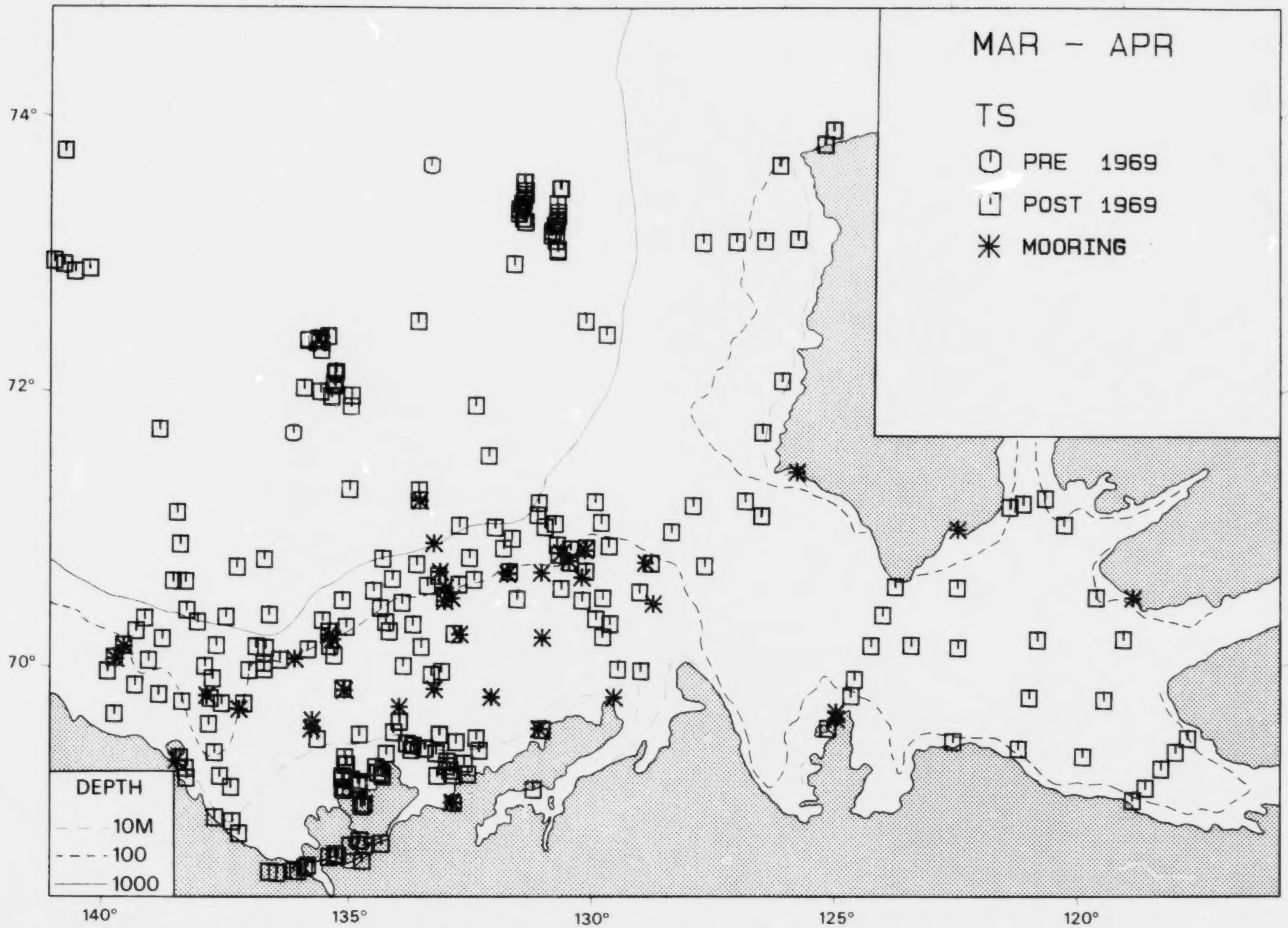

MAR - APR
TS
PRE 1969
POST 1969
MOORING
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 9b. The locations of temperature-salinity (TS) data collected during the March-April period, all years (698 stations, including 63 AIDJEX). Profile TS data are split as to pre and post 1969. TS data from moored instrumentation are located on the map using a star-like symbol.

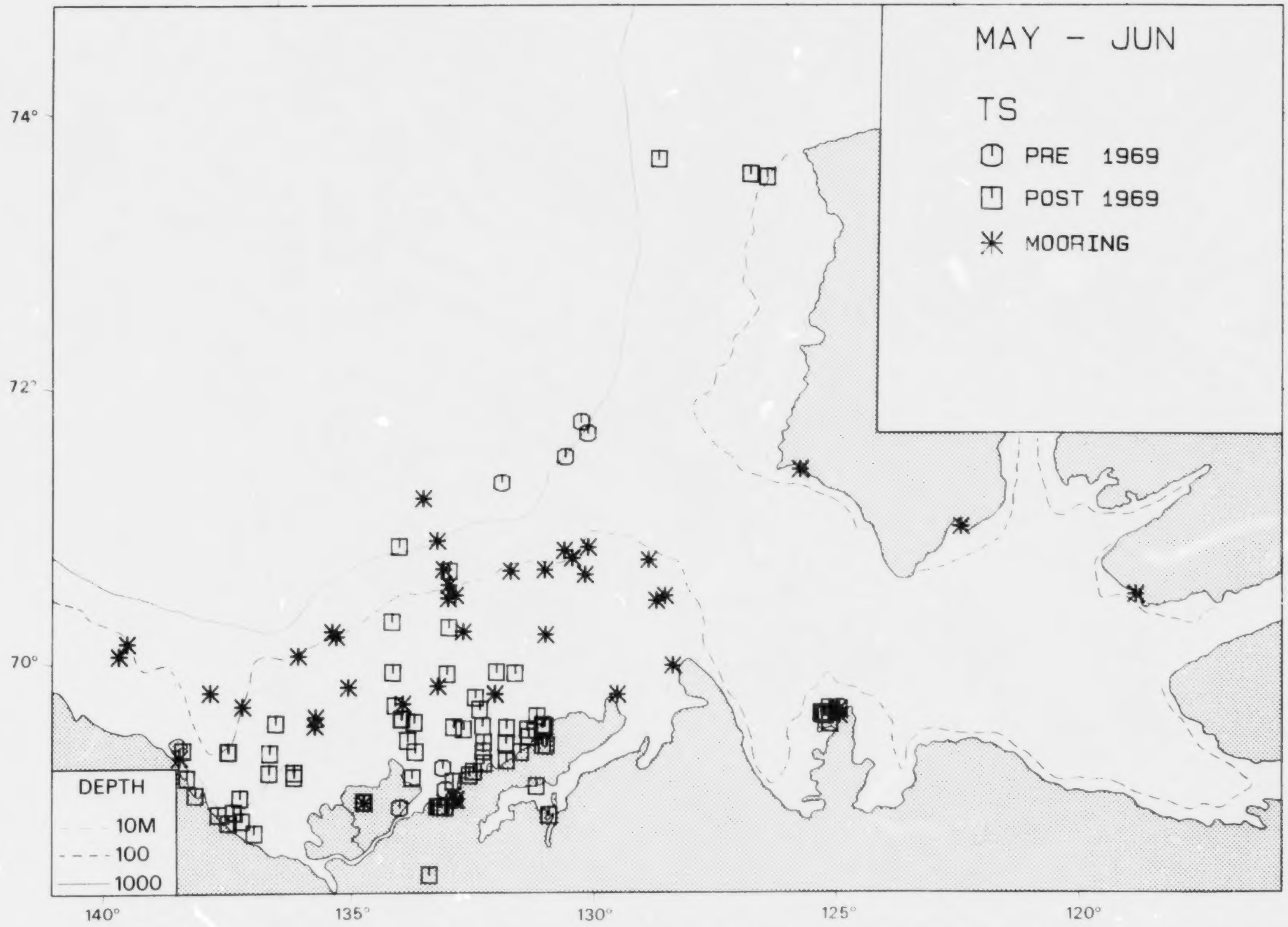

MAY - JUN
TS
PRE 1969
POST 1969
MOORING
74°
72°
70°
140°
135°
130°
125°
120°
DEPTH
10M
100
1000

Figure 9c. The locations of temperature-salinity (TS) data collected during the May-June period, all years (489 stations, no AIDJEX). Profile TS data are split as to pre and post 1969. TS data from moored instrumentation are located on the map using a star-like symbol.

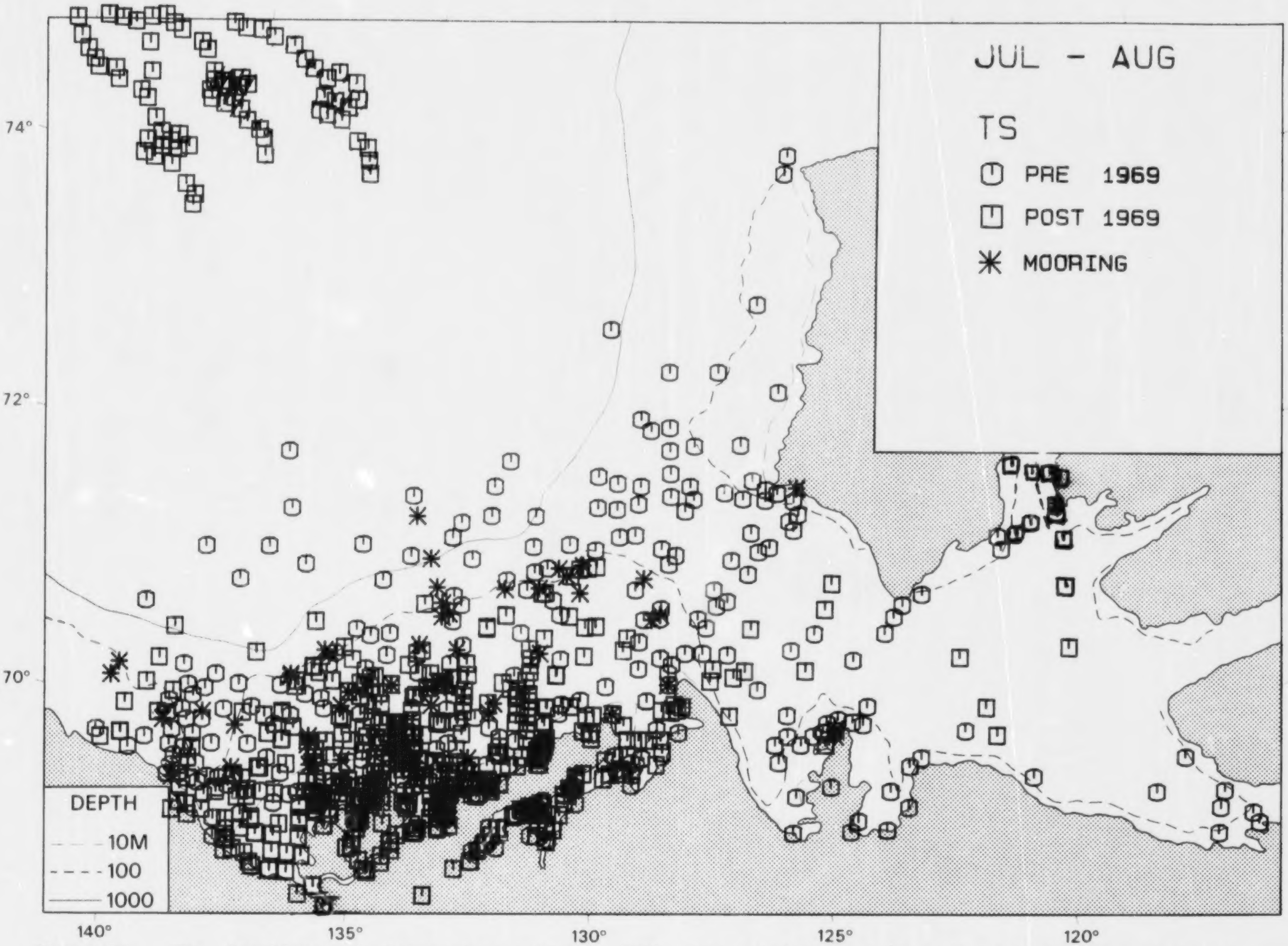

JUL - AUG
TS
PRE 1969
POST 1969
MOORING
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 9d. The locations of temperature-salinity (TS) data collected during the July-August period, all years (2851 stations, including 116 AIDJEX). Profile TS data are split as to pre and post 1969. TS data from moored instrumentation are located on the map using a star-like symbol.

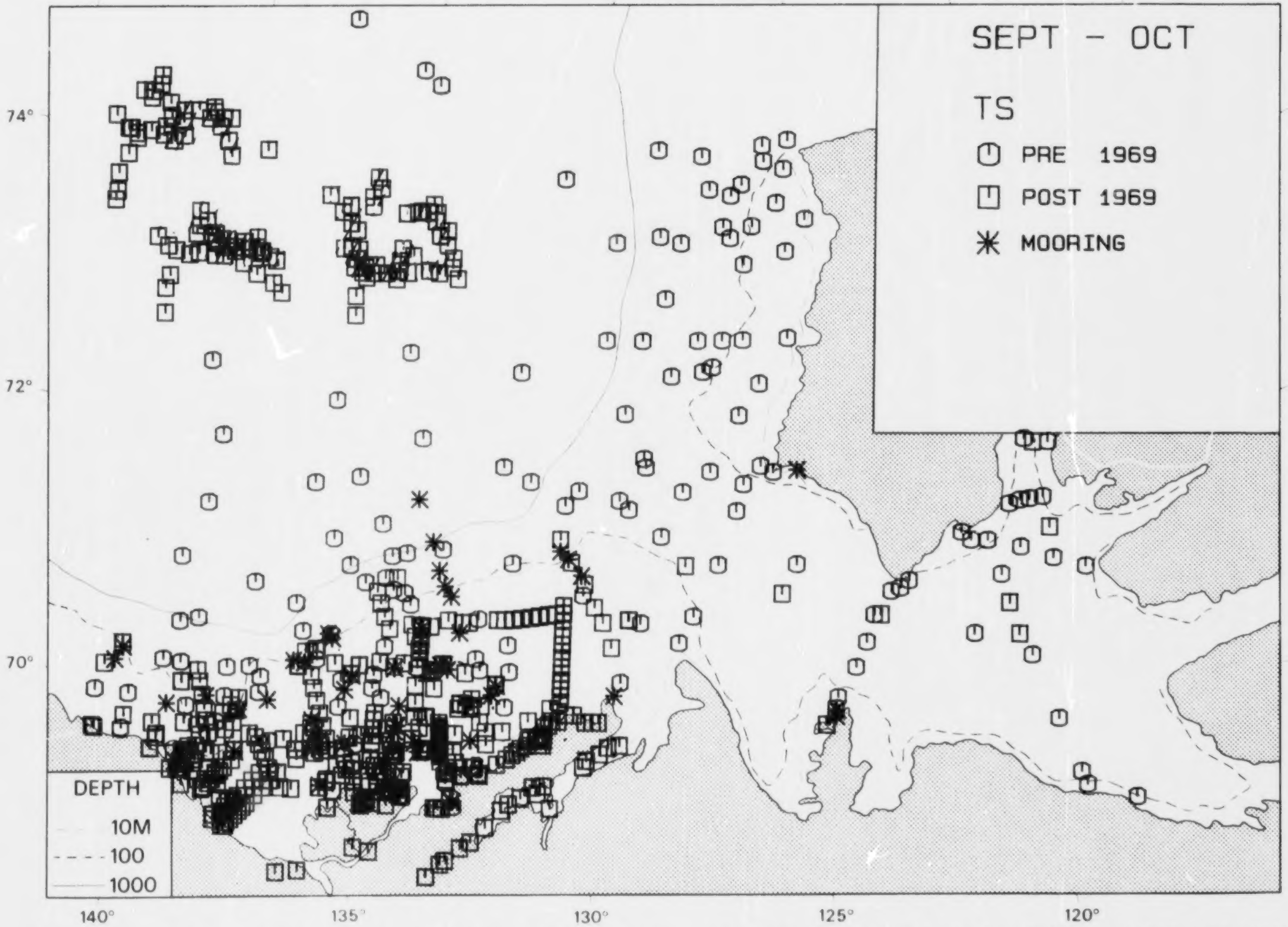

SEPT - OCT
TS
PRE 1969
POST 1969
MOORING
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 9e. The locations of temperature-salinity (TS) data collected during the September-October period, all years (1472 stations, including 177 AIDJEX). Profile TS data are split as to pre and post 1969. TS data from moored instrumentation are located on the map using a star-like symbol.

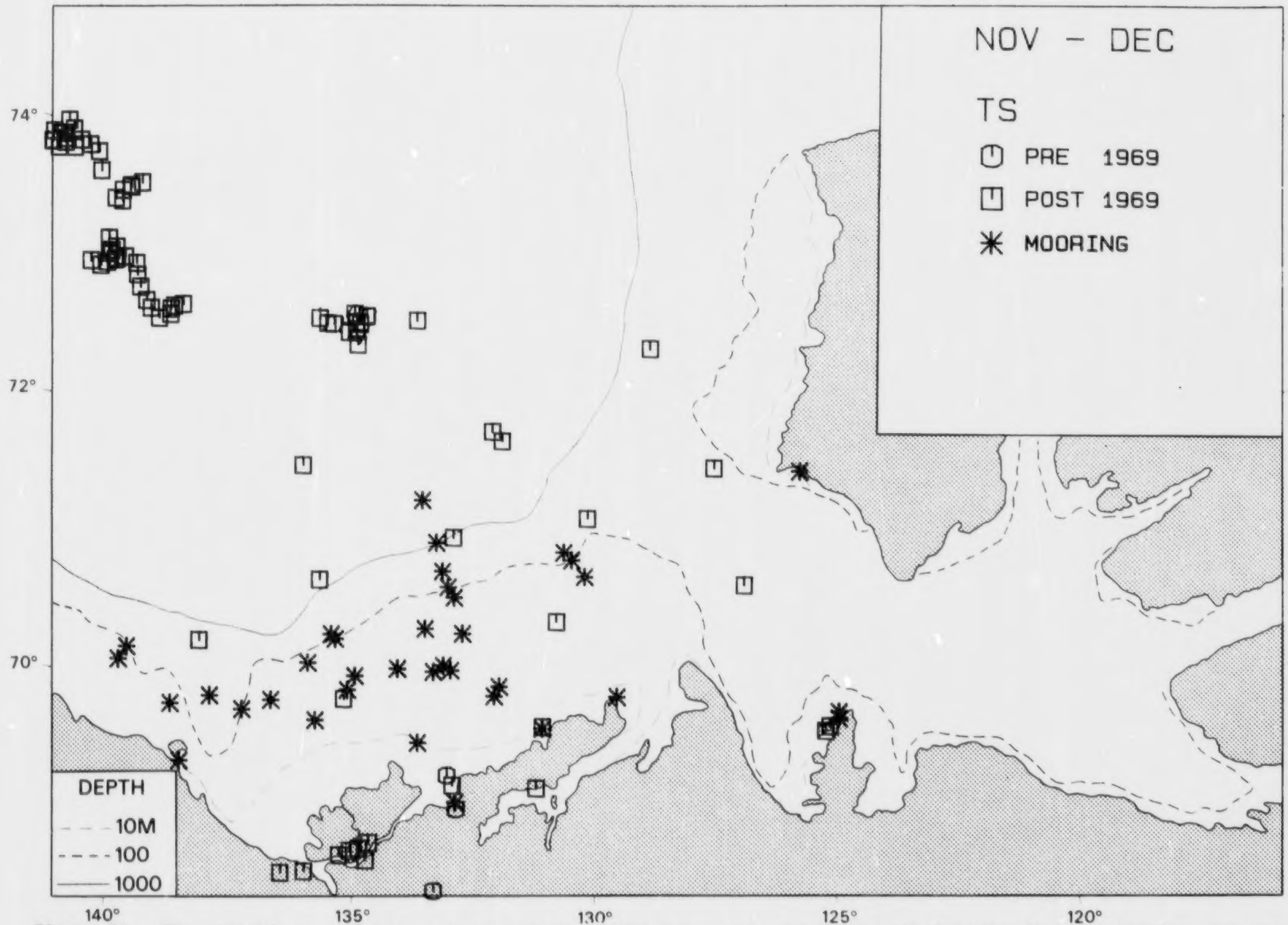

NOV - DEC
TS
PRE 1969
POST 1969
MOORING
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 9f. The locations of temperature-salinity (TS) data collected during the November-December period, all years (285 stations, including 159 AIDJEX). Profile TS data are split as to pre and post 1969. TS data from moored instrumentation are located on the map using a star-like symbol.

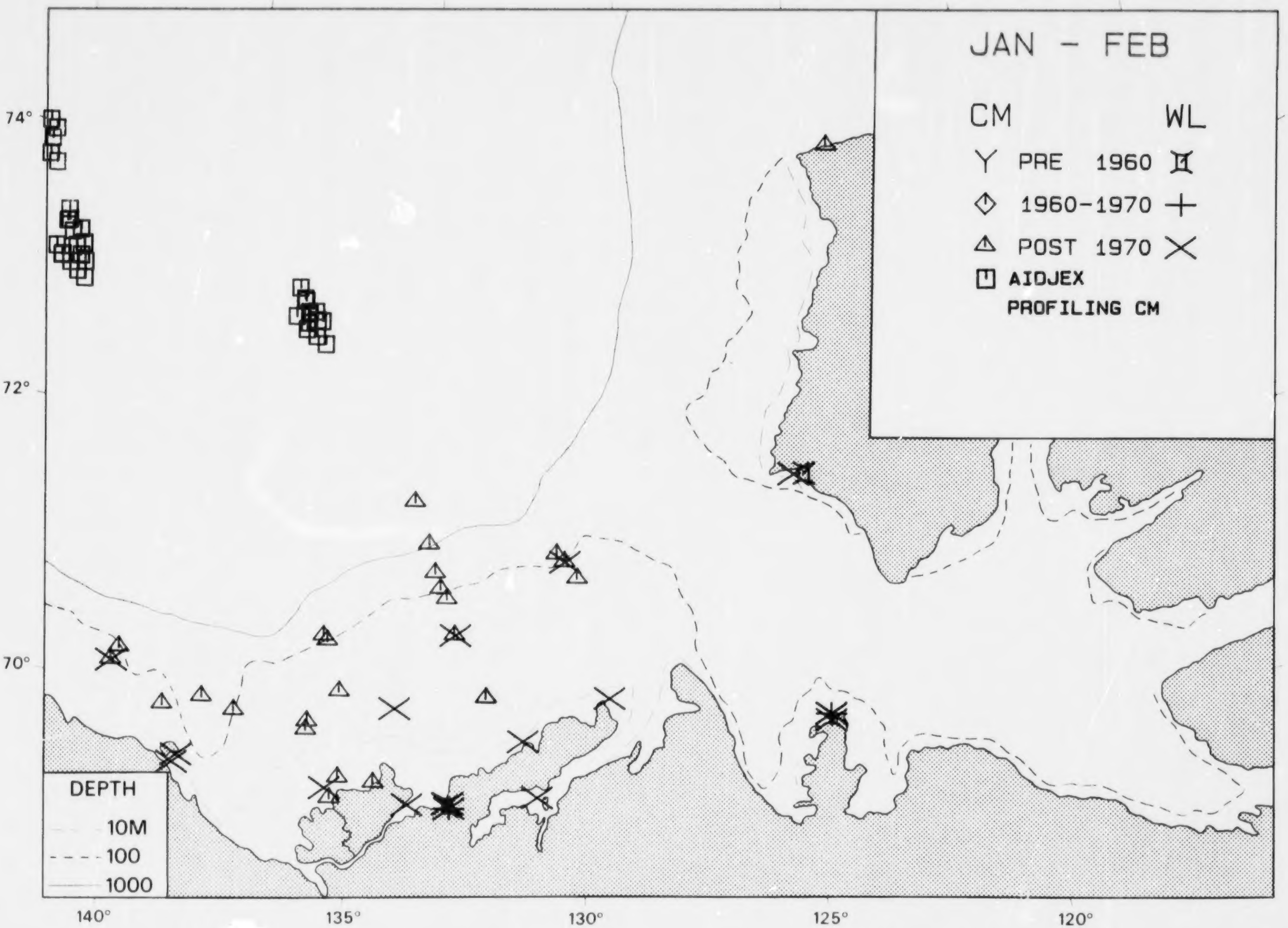

JAN - FEB
CM
WL
Y PRE 1960
◇ 1960-1970 +
△ POST 1970 X
□ AIDJEX
PROFILING CM
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 10a. The locations of all current-meter (CM) and water-level (WL) stations in place during the January-February period, all years (27 CM, 79 WL, 328 AIDJEX CM profiles).

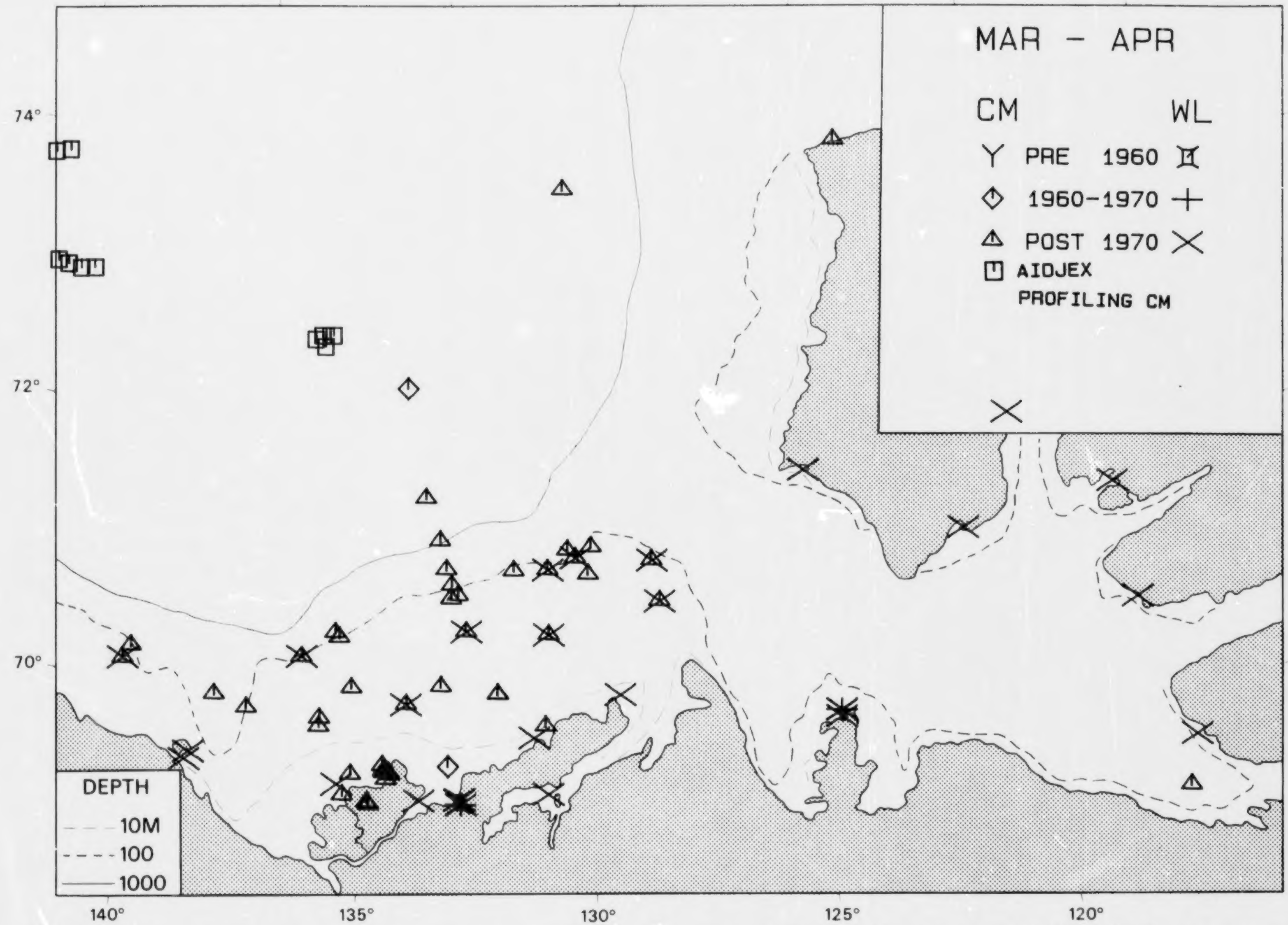

MAR - APR
CM
WL
PRE 1960
1960-1970
POST 1970
AIDJEX
PROFILING CM
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 10b. The locations of all current-meter (CM) and water-level (WL) stations in place during the March-April period, all years (69 CM, 83 WL, 128 AIDJEX CM profiles).

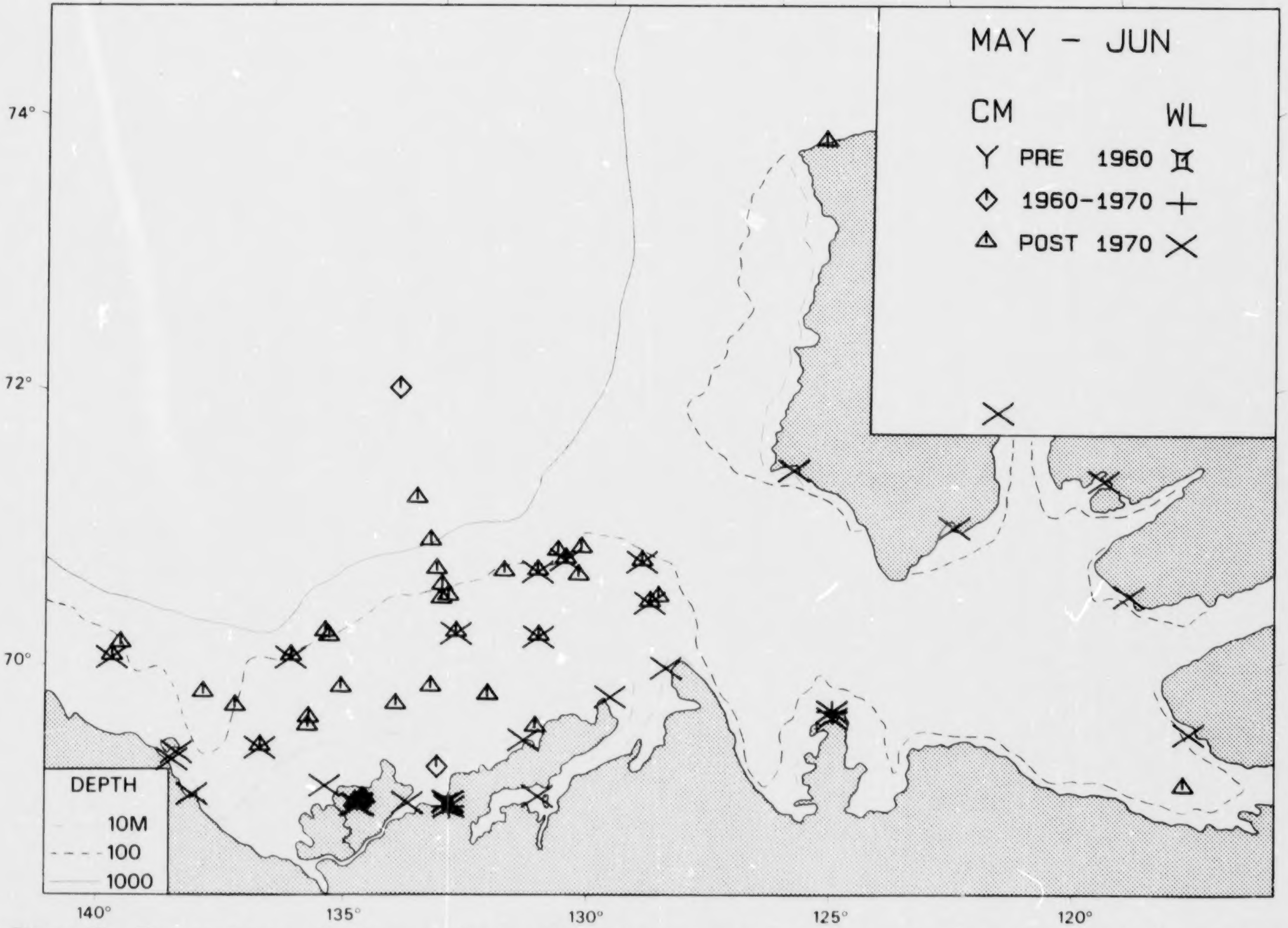

MAY - JUN
CM
WL
PRE 1960
1960-1970
POST 1970
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 10c. The locations of all current-meter (CM) and water-level (WL) stations in place during the May-June period, all years (61 CM, 92 WL, 0 AIDJEX CM profiles).

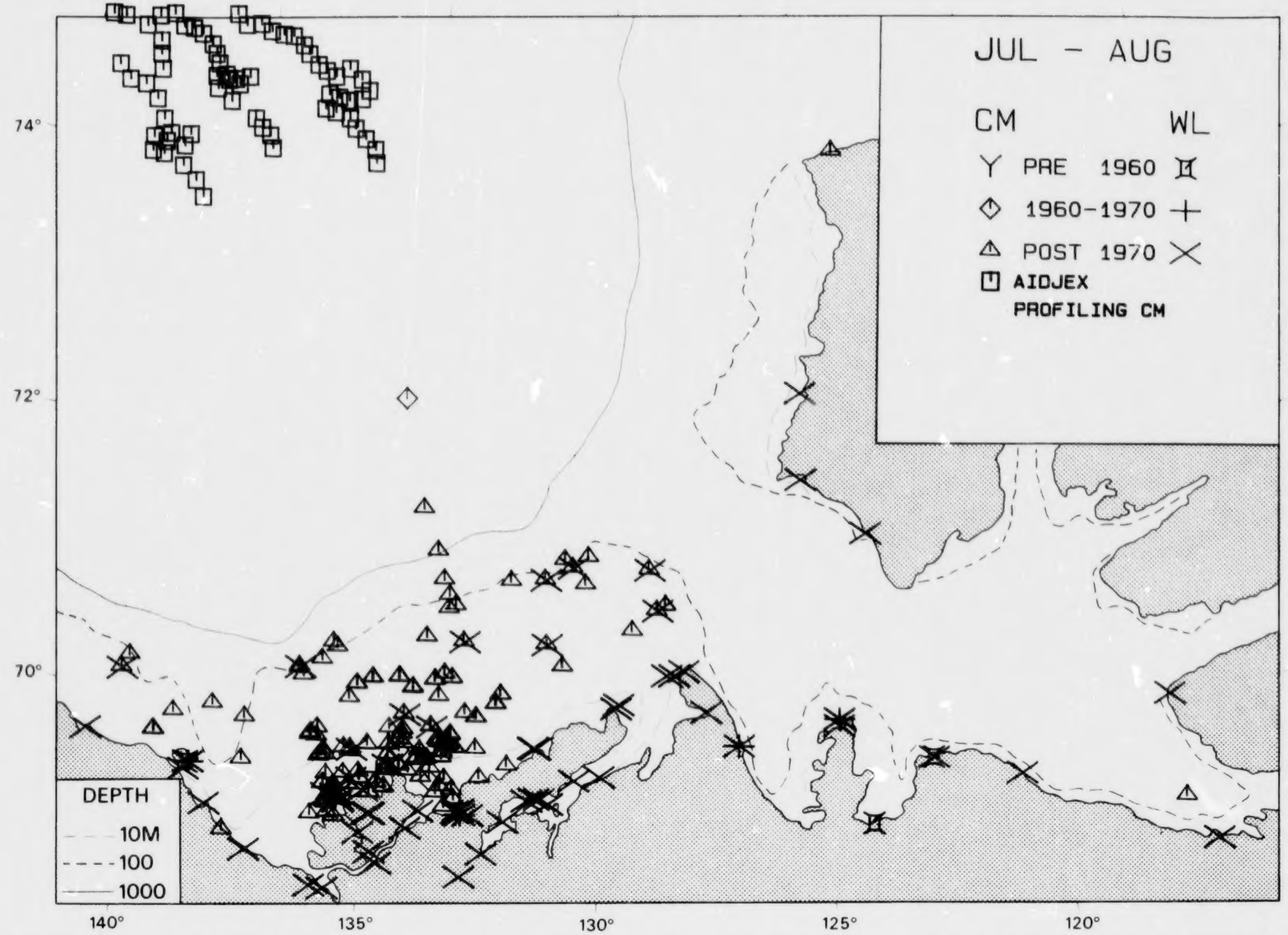

JUL - AUG
CM
WL
PRE 1960
1960-1970
POST 1970
AIDJEX
PROFILING CM
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 10d. The locations of all current-meter (CM) and water-level (WL) stations in place during the July-August period, all years (259 CM, 159 WL, 175 AIDJEX CM profiles).

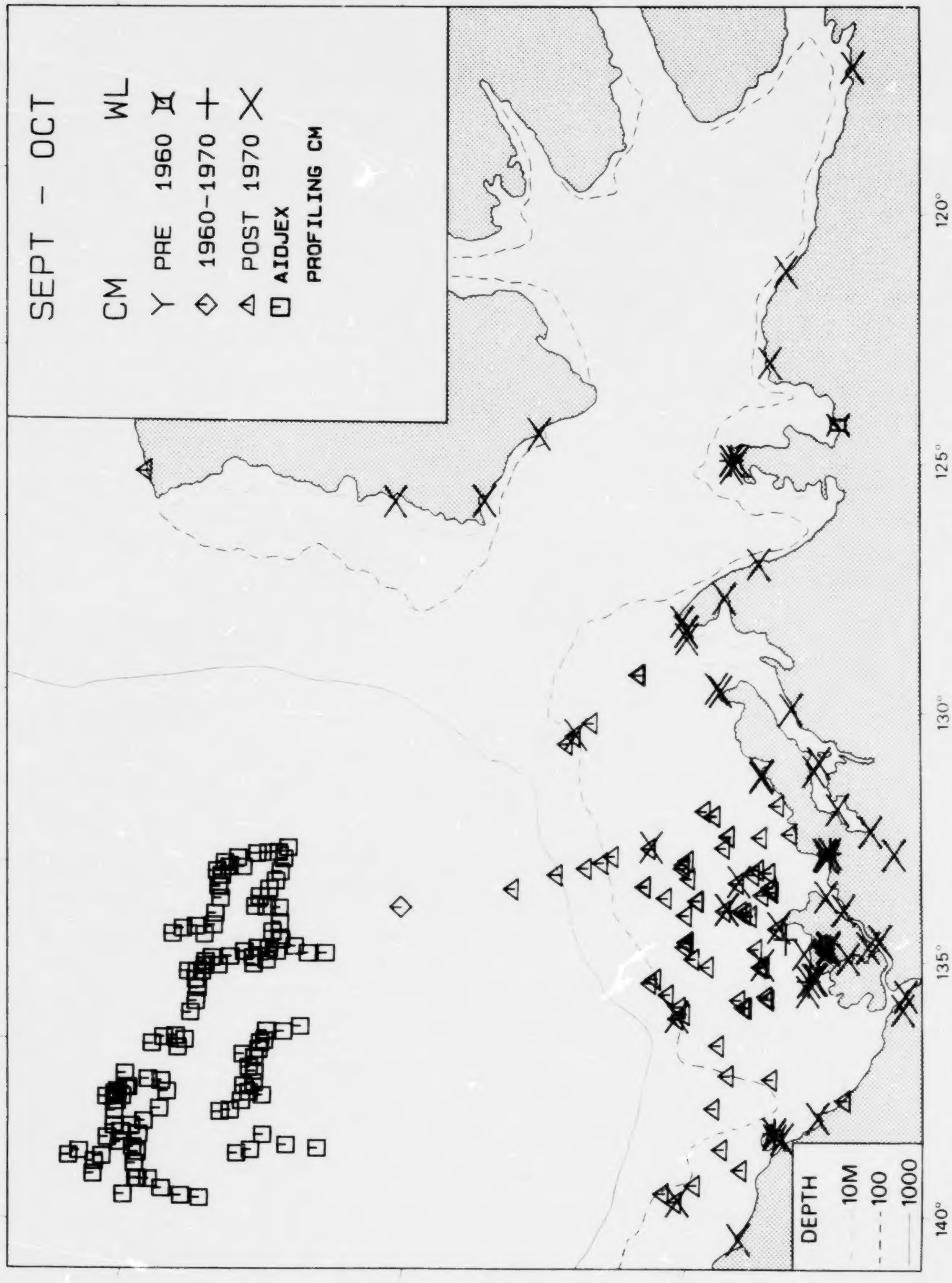

SEPT - OCT
CM
WL
Y PRE 1960
◇ 1960-1970 +
△ POST 1970 X
□ AIDJEX
PROFILING CM
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 10a. The locations of all current-meter (CM) and water-level (WL) stations in place during the September-October period, all years (121 CM, 135 WL, 344 AIDJEX CM profiles).

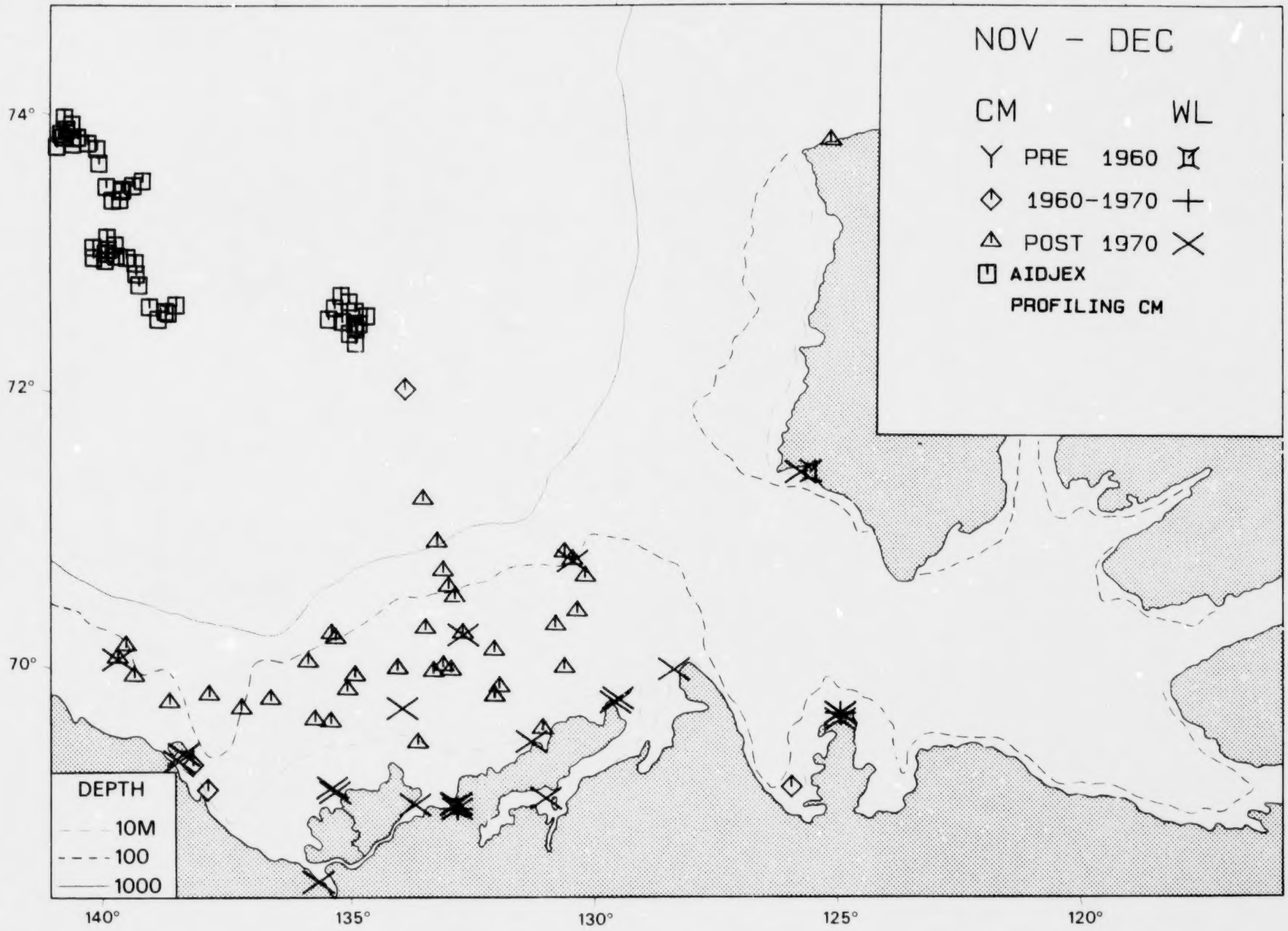

NOV - DEC
CM
WL
PRE 1960
1960-1970
POST 1970
AIDJEX
PROFILING CM
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 10f. The locations of all current-meter (CM) and water-level (WL) stations in place during the November-December period, all years (54 CM, 74 WL, 301 AIDJEX CM profiles).

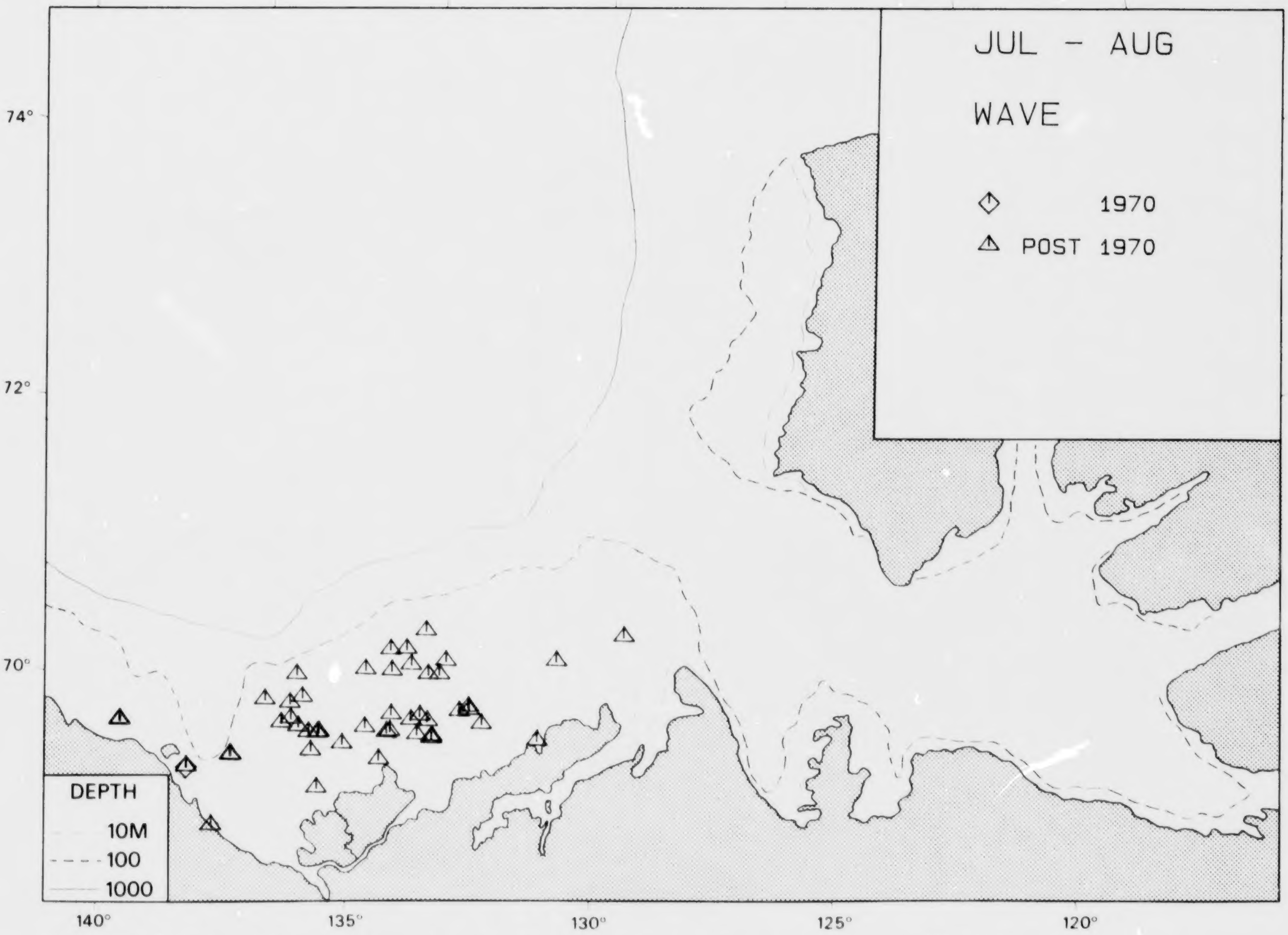

JUL - AUG
WAVE
◇ 1970
△ POST 1970
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 11a. The locations of all wave data collected during July-August, all years (48 stations).

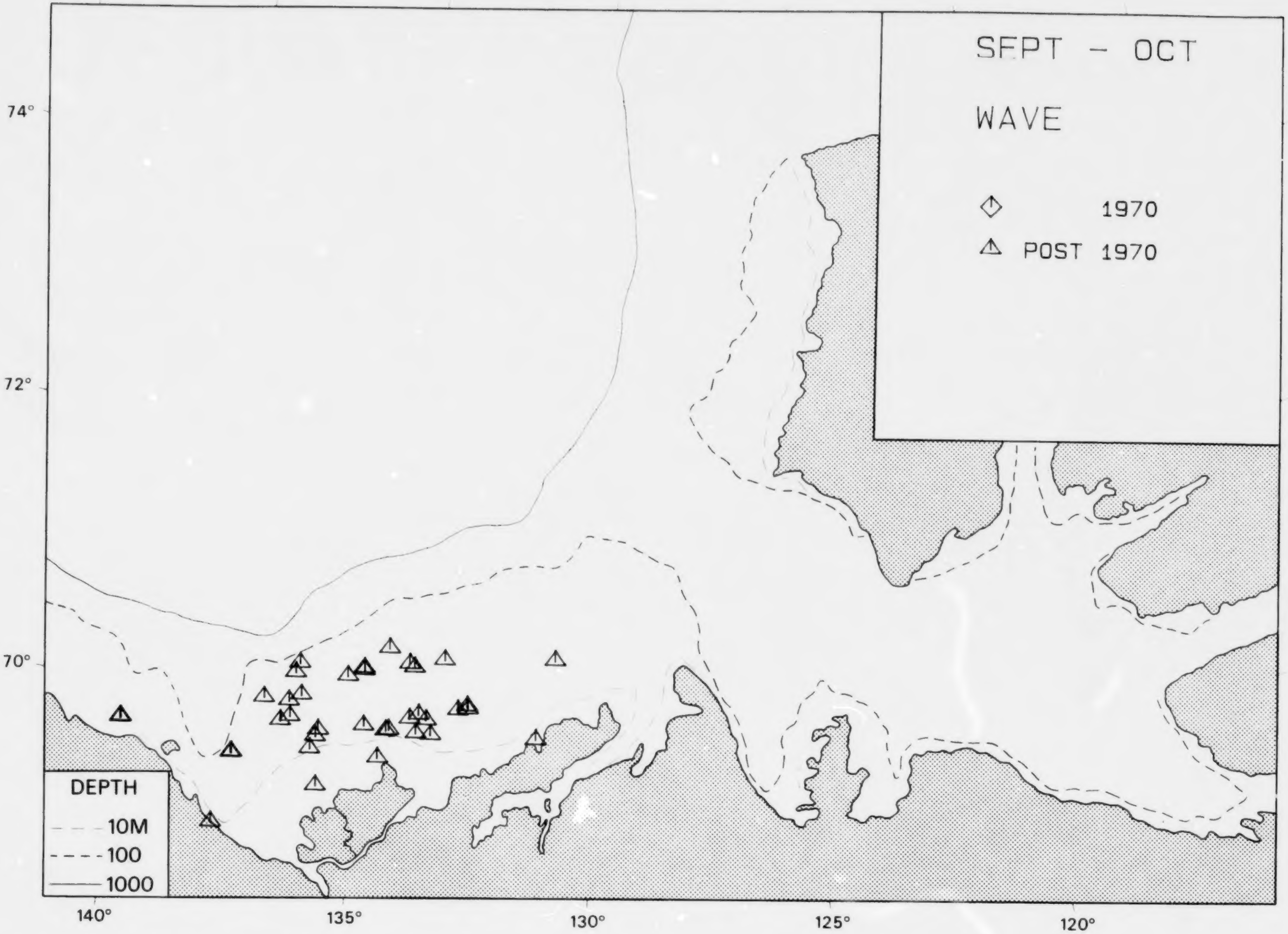

SEPT - OCT
WAVE
1970
POST 1970
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

Figure 11b. The locations of all wave data collected during September–October, all years (37 stations).

TEMPERATURE-SALINITY DATA

The locations of TS profile data (bottle or CTD) are split as to pre and post 1969. TS data from moored instruments are located on the maps using a star-like symbol. The number of salinity and temperature measurements depends on the season in different ways in the various sub-areas of the Beaufort Sea. For example, extensive open water appears during the summer over the continental shelf from Herschel Island to the west coast of Banks Island, and the densest distribution of measurements is found at that time (Figures 8, 9d,e). The sparsest sampling in this area occurs from November though February (Figures 8, 9a,f) when the year's ice is forming and there is little daylight, and from April through June (Figures 8, 9c) when breakup occurs. A secondary maxima in measurements appears during March when the ice is used as a measurement platform. In favourable years, the spring measurement season may be longer. Some data have been collected using aircraft in December (Figure 9f).

Spring measurements are rare in areas where the ice cover is unstable such as the transition zone between the landfast and permanent pack ice off the Tuktoyaktuk Peninsula or in the western end of Amundsen Gulf.

In central and eastern Amundsen Gulf, essentially no data exist for the periods November to February and May to June.

Over the deep waters of the southeastern Beaufort Sea and Canada Basin, almost all of the available data were collected through the permanent polar sea-ice by the AIDJEX project. In the February to April period, data were collected in 1970 and 1971 as part of the AIDJEX pilot programs, while the main AIDJEX experiment of 1975-1976 included data collection within the study area from August 1975 to May 1976.

CURRENT-METER DATA

Current-meter data are available primarily for the continental shelf and slope off Mackenzie Bay and the Tuktoyaktuk Peninsula during the March through December period (Figure 10). Currents were most often measured during the July through October period, however. The only other source of current-meter data is the AIDJEX projects where the seasonal distribution matches that described above for the temperature-salinity data.

In the whole of Amundsen Gulf and west of Banks Island, only one mooring has been deployed.

WATER-LEVEL DATA

More water-level data are available for the summer and early autumn months than for other times of the year (Figure 10). The permanent stations at Tuktoyaktuk, Cape Parry and Sachs Harbour are susceptible to ice damage in the winter and spring months. The temporary coastal water-level gauges were usually operated only in the summer and early autumn months. Bottom mounted pressure sensors have provided offshore tidal data, particularly over the shelf, for most months of the year. As with TS and current, little water-level data exist for western Banks Island.

WAVE DATA

Wave data have been collected during the July through October period (Figure 11). The Beaufort Sea is generally covered with ice during the rest of the year. Even during the summer months, occasional intrusions of sea-ice can interfere with the collection of wave data.

6.3 EXTENDED TIME SERIES AND SYNOPTIC DATA

SYNOPTIC DATA SETS

In some years, the existence of two or more data sets collected at the same time provides a combined data set with near-synoptic coverage over a relatively large area. The combined data sets may improve coverage within a given area, extend coverage to a larger area or allow comparison of simultaneous processes in different areas. In the Beaufort Sea, possibilities for combinations are largely confined to temperature and salinity data collected during the open water season. Data sets were included only if their measurement periods overlapped significantly. The table below lists near-synoptic data sets by year and general area of coverage.

LIST OF NEAR-SYNOPTIC DATA SETS

Year	Data Set No.	Area(s)
1951	51-0001	Tuktoyaktuk Shelf
	51-0002	Amundsen Gulf
1952	52-0001	Tuktoyaktuk Shelf
	52-0002	Continental Slope
1954	54-0001	Tuktoyaktuk Shelf
	54-0002	Amundsen Gulf, Banks Island Shelf
	54-0003	Continental Slope
1960	60-0001	Continental Slope
	60-0002	Tuktoyaktuk Shelf
1970	70-0002	Tuktoyaktuk Shelf
	70-0003	Mackenzie Delta
1973	73-0002	Mackenzie Bay, Tuktoyaktuk Shelf
	73-0003	Liverpool, Kugmallit Bays
1974	74-0002	Mackenzie Delta
	74-0003	Tuktoyaktuk Shelf
1975	75-0002	Mackenzie Delta
	75-0003	Tuktoyaktuk Shelf
	75-0004	Canada Basin
	75-0006	Tuktoyaktuk Shelf
	75-0012B	Kugmallit Bay
	75-0025	Yukon Coast
1977	77-0001	Mackenzie Bay
	77-0002	Tuktoyaktuk Shelf
	77-0003	Amundsen Gulf
	77-0004	Tuktoyaktuk Shelf
	77-0009A	Tuktoyaktuk Shelf
	77-0035	Tuktoyaktuk Coastal and Liverpool Bay
1985	85-0017A	Tuktoyaktuk Shelf
	85-0032	Continental Slope
1986	86-0003	Tuktoyaktuk Shelf
	86-0008	Yukon Shelf

EXTENDED TIME SERIES

Repeated measurements in the same area may allow long-term trends to be detected and levels of variability to be estimated. With the exception of water-level data from the permanent tide gauges, such repeated measurements are available mainly for summer temperature and salinity data; winter data of any sort are too sparse. Repeated measurements have been made in several areas. The table below lists the areas in which extended time series are available.

LIST OF EXTENDED TIME SERIES BY AREA

Mackenzie Delta	Tuktoyaktuk Shelf		Tuktoyaktuk Harbour	Continental Slope	Canada Basin	Amundsen Gulf
52-0001	52-0001	80-0025	61-0001	50-0001	56-0012	51-0001
*	52-0002	81-0001	62-0002	51-0001	*	51-0002
70-0003	*	81-0002	62-0003	51-0002	59-0001	52-0001
*	54-0001	81-0018	62-0004	*	*	53-0001
73-0002	54-0002	81-0027	63-0002	54-0001	69-0001	54-0002
74-0001	55-0016	82-0097	63-0003	54-0002	70-0001	54-0003
74-0002	*	82-0118	*	*	71-0003	*
74-0003	57-0012	83-0058	71-0001	59-0001	*	57-0001
74-0007	58-0001	83-0065	*	59-0002	75-0005	*
75-0001	59-0002	83-0069	75-0012	60-0001	*	77-0003
75-0004	60-0001	84-0044	76-0004	60-0002	79-0001	*
75-0011	60-0002	84-0045	76-0020	*	81-0001	82-0003
75-0012	60-0003	84-0048	78-0031	72-0001		
75-0042	61-0001	85-0017	80-0004	*		
76-0003	*	85-0032	80-0041	79-0001		
76-0004	69-0001	85-0033	81-0013	81-0001		
77-0001	70-0002	85-0037	81-0029	*		
	*	86-0003	82-0111	84-0049		
	73-0002	86-0004	83-0058	85-0032		
	73-0003	86-0010		86-0003		
	74-0002			86-0010		
	74-0007					
	74-0008					
	75-0001					
	75-0002					
	75-0006					
	75-0009					
	75-0012					
	76-0001					
	76-0004					
	77-0004					
	78-0001					
	79-0001					
	79-0003					
	79-0007					
	79-0009					
	80-0002					

* missing lines signify gaps of more than one year.

While conducting drilling operations on the continental shelf, Canmar has collected eleven years of current data, 1976-1986. The data are all from summer, and often of relatively short duration, however they are valuable because of the eleven-year coverage. At some of the drill sites, current data were collected over three or four consecutive summers. Fissel (1981) analysed the 1976-1979 data, but this analysis has not been extended to the full eleven-year set, particularly for examination of long-term trends and inter-annual variability. Moreover, the quality of the current meter data in the 1980's has improved due to the use of instrumentation and moorings better suited for use in the wave zone.

6.4 CONCLUSIONS

This inventory of Beaufort Sea oceanographic data will permit oceanographers and others to exploit more fully the existing data base. The inventory's coverage in space and time should allow investigators to decide how much of the data base pertains to their specific requirements and concerns, without having the data themselves in hand. There are several regions and seasons for which the data base is inadequate to describe the general circulation, in particular the region west of Banks Island. On the other hand, this inventory pinpoints valuable data sets worthy of further consideration.

7.0 REFERENCES

Aagaard, K., 1984. The Beaufort Current. In "The Alaskan Beaufort Sea", Ecosystems and environments. Academic Press, Orlando, Florida.

Acreman, J., G. Borstad, and B. Humphrey, 1980. Dome Petroleum experimental oil spill at McKinley Bay, N.W.T. Examination of ice biota. Rep. prepared by Arctic Laboratories Ltd. for Dome Petroleum Ltd., Calgary, Alta. 16 p.

Adams, W.A., 1974. Light intensity under sea ice containing oil. Beaufort Sea Project G2b, Interim Report: Geological and biological observations at Balaena Bay, Cape Parry, N.W.T by Adams W.A. and M. Hincke. 16 p plus figures and Appendices.

Adams, W.A., 1975. Light intensity and primary productivity under sea ice containing oil. Beaufort Sea Project Tech. Rept. 29, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 44 Front St. W., Toronto, Ontario, M5J 1G2).

Albright, L.J., 1986. Bacterial dynamics within the lower Mackenzie River, its estuary and the southern Beaufort Sea. Can. J. Microbiol. (in press).

Allan, R.B. and G.R. MacKenzie-Grieve, 1983. Water quality and biological survey of Stokes Point and King Point, Yukon - Beaufort Sea Coast. Env. Canada, Env. Protection Service, Reg. Prog. Rep. No. 83-23. 70 p.

Allan, R.B. and G.R. MacKenzie-Grieve, 1984. Water quality and biological survey of the coastal waters near Stokes Point, Yukon - Beaufort Sea Coast. Environment Canada, Environmental Protection Service. Reg. Prog. Rep. No. 84-06. 39 p.

Aquatic Environments Ltd, 1975. Fisheries investigations in a coastal region of the Beaufort Sea. Arctic Gas Biological Report Series Vol 34. Canadian Arctic Gas Ltd. and Alaskan Arctic Gas Ltd.

Aquatic Environments Ltd., 1977. Tuft Point and adjacent coastal areas fisheries project. Report to Imperial Oil Ltd (unpublished manuscript). 152 p.

Archipelago Marine Research, 1985. A diver survey of herring spawning in the fingers area of Liverpool Bay, N.W.T. Unpub. rep. for DFO, Winnipeg.

Arctic Laboratories Ltd, 1985a. Data report for current meter measurements at Arnak, Summer 1985. Unpubl. rep. by Arctic Laboratories Ltd. for Esso Res. Canada Ltd. 46 p plus Appendices.

Arctic Laboratories Ltd, 1985b. Data report for current meter measurements at Nipterk, Summer 1985. Unpubl. rep. by Arctic Laboratories Ltd. for Esso Res. Canada Ltd. 73 p plus Appendices.

Arctic Laboratories Ltd, 1985c. Data report for wave amd water level measurements at Adgo, Summer 1985. Unpubl. rep. by Arctic Laboratories Ltd. for Esso Res. Canada Ltd. 59 p plus Appendices.

Atkinson, E.G. and J.W. Wacasey, 1976. Caloric values of zoobenthos and phytobenthos from the Canadian Arctic. Fish. Mar. Serv. Res. Dev. Tech. Rep. 632. 24 p.

Bailey, W.B., 1955. Oceanographic reconnaissance in the Canadian Archipelago (1954). Fish. Res. Bd. Canada MSS Rept. Biol. Sta., No. 603. 145 p.

Bailey, W.B., 1957. Oceanographic features of the Canadian Archipelago (1954). Fish. Res. Bd. Canada (5)(14). pp. 731-769.

Barber, F.G., 1968. On the water of Tuktoyaktuk Harbour. Canada Dept. of Energy, Mines and Res., Mar. Sc. Br. MS Rpt. Ser No. 9, Ottawa . (unpublished manuscript).

Bauer, E., K. Hunkins, T.O. Manley, and W. Tiemann, 1980a. Arctic Ice Joint Experiment 1975-1976, Physical Oceanography Report STD data - Camp Caribou Volume 1. Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. Cu-8-80, Tech. Report No. 8. 99 p. plus unnumbered figures and tables.

Bauer, E., K. Hunkins, T.O. Manley, and W. Tiemann, 1980b. Arctic Ice Joint Experiment 1975-1976, Physical Oceanography Report STD data - Camp Blue Fox Volume 2. Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. Cu-9-80, Tech. Report No. 9. 98 p. plus unnumbered figures and tables.

Bauer, E., K. Hunkins, T.O. Manley, and W. Tiemann, 1980c. Arctic Ice Joint Experiment 1975-1976, Physical Oceanography Report STD data - Camp Snowbird, Volume 3. Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. Cu-10-80, Tech. Report No. 10. 73 p. plus unnumbered figures and tables.

Bauer, E., K. Hunkins, T.O. Manley, and W. Tiemann, 1980d. Arctic Ice Joint Experiment 1975-1976, Physical Oceanography Report STD data - Camp Big Bear, Volume 4. Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. Cu-11-80, Tech. Report No. 11. 72 p. plus unnumbered figures and tables.

Beak Consultants Ltd., 1975. Biological studies 1975. Beaufort Sea Rep. for Canadian Marine Drilling Ltd.

Beal, M.A., 1968a. The seasonal variation in sea level at Barrow, Alaska. In: Arctic drifting stations. Coordinated by J.E. Sater. Sponsored by Arctic Institute of North America. pp. 327-341.

Beal, M.A., 1968b. The use of light aircraft for oceanographic observations in the Arctic ice pack. In: Arctic drifting stations. Coordinated by J.E. Sater. Arctic Institute of North America. pp. 37-48.

Birch, J.R. and D.B. Fissel, 1982. Data report-shallow water, near-bottom current measurements in the southeast Beafort Sea, summer 1981. Arctic Sciences Ltd. report to Esso Resources Canada Ltd., Calgary, Alberta, January, 1982 (unpublished manuscript). 41 p.

Birch, J.R., D.B. Fissel, A.B. Cornford, and H. Melling, 1984. Arctic Data Compilation and Appraisal. Volume 7. Canada Basin-Arctic Ocean: Physical Oceanography - Temperature, Salinity, Currents and Water Levels. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 7). 624 p.

Birch, J.R., D.B. Fissel, and G.R. Wilton, 1982. Subsurface current measurements near Tarsiut artificial island, August 1981 - September 1982. Unpublished data report by Arctic Sciences Ltd., Sidney, B.C. for Dome Petroleum Ltd., Calgary, Alberta. 31 p.

Birch, J.R., D.B. Fissel, and G.R. Wilton, 1984a. Physical oceanographic data report: Amerk O-09 site, Beaufort Sea, Summer 1984, current-meter data. Unpublished report by Arctic Sciences Ltd., Sidney, B.C. for Esso Resources Canada Ltd., Calgary, Alberta. 72 p.

Birch, J.R., D.B. Fissel, and G.R. Wilton, 1984b. Physical oceanographic data report: Nipterk L-19/Kaubvik I-43 site, Beaufort Sea, Summer 1984, current-meter data. Unpublished data report by Arctic Sciences Ltd., Sidney, B.C. for Esso Resources Canada Ltd., Calgary, Alberta. 72 p.

Birch, J.R., E.C. Luscombe, D.B. Fissel, and L.F. Giovando, 1985. West Coast Data Inventory and Appraisal. Volume 1. Dixon Entrance, Hecate Strait, Queen Charlotte Sound and Adjoining B.C. Coastal Waters: Physical Oceanography - Temperature, Salinity, Currents, Water Levels and Waves, 1903 through 1984. Can. Data Rep. Hydrogr. Ocean Sci. 37: Vol 1. Part 1, 302 p., Part 2, 265 p.

Birch, J.R., G.R. Wilton, and D.B. Fissel, 1982. Shallow water current measurements in the southeast Beaufort Sea - summer 1982 (including August 8 - 16, 1981 record from W. Atkinson site). Unpub. data report prepared by Arctic Sciences Ltd., Sidney, for Esso Resources Canada Ltd., Calgary. 66 p.

Bodfish, H.H., 1936. Chasing the bowhead. Harvard University Press, Cambridge, Massachusetts. 281 p.

Bond, W.A., 1982. A study of the fish resources of Tuktoyaktuk Harbour, southern Beaufort Sea coast, with special reference to life histories of anadromous coregonids. Can. Tech. Rep. Fish. Aquat. Sci. 1119. 90 p.

Bornhold, B.D., 1975. Suspended matter in the southern Beaufort Sea.. Beaufort Sea Project Tech. Rep. 25b, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Borstad, G.A., 1985. Water colour and temperature in the southern Beaufort Sea: remote sensing in support of ecological studies of the bowhead whale. Can. Tech. Rep. Fish. Aquat. Sci. No. 1350. 68p.

Bradstreet, M.S.W. and D.B. Fissel, 1986. Zooplankton of a bowhead whale feeding area off the Yukon coast in August 1985. Unpub. rep. by LGL Ltd., King City, Ontario and Arctic Sciences Ltd., Sidney, B.C. for Indian and Northern Affairs Canada. 155 p.

Brunskill, G.J., D.M. Rosenberg, N.B. Snow, G.L. Vascotto, and R. Wageman,

1973. Ecological studies of aquatic systems in the Mackenzie-Porcupine drainages in relation to proposed pipeline and highway developments. Can. Task Force on Northern Oil Development Envir. So. Comm. Vols. 1 and 2.

Bunch, J.N., 1974. Distribution and abundance of heterotrophic bacteria in the south Beaufort Sea. Part III b. p. 175-195. In: A series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk peninsula region. Environmental-Social Committee, Northern Pipelines, Task Force on Northern Oil Development Rep. No. 74-22.

Bunch, J.N., F. Dugre, and T. Cartier, 1983. Issungnak oceanographic survey. Part C: Microbiology. Rep. prep. for Esso Canada Resources Ltd., Gulf Canada Resources Inc. and Dome Petroleum Ltd., Calgary, Alta. 39 p.

Bunch, J.N. and R.C. Harland, 1974. Degradation of petroleum by a psychrotolerant marine flora from the Eskimo Lakes. Part I. p. 1-30. In: A series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk Peninsula region. Environmental-Social Committee, Northern Pipelines, Task Force on Northern Oil Development Rep. No. 74-22.

Bunch, J.N. and R.C. Harland, 1976. Biodegration of crude petroleum by the indigenous microbial flora of the Beaufort Sea. Beaufort Sea Tech. Rep. No. 10. 52 p.

Burrell, D.C., P.J. Kinney, R.S. Hadley, and M.E. Arhelgar, 1970. Beaufort Sea environmental data, 1968-1969. Institute of Marine Science, University of Alaska. R70-20. 274 p.

Byers, S.C. and R.K. Kashino, 1980. Survey of fish populations in Kugmallit Bay and Tuktoyaktuk Harbour, Northwest Territories. Dobrocky Seatech Ltd., Victoria, B.C. Prepared for Dome Petroleum Ltd., Calgary, Alta. 78 p.

Cameron, W.M., 1952. Hydrography and oceanography of the southeast Beaufort Sea and Amundsen Gulf, Part I: Hydrographic and oceanographic observations in the Beaufort Sea, 1951. University of British Columbia, Institute of Oceanography . (unpub. manuscript).

Cameron, W.M., 1953. Hydrography and oceanography of the southeast Beaufort Sea and Amundsen Gulf, including Part II (appendices): hydrographic and oceanographic observations in the Beaufort Sea, 1952. University of British Columbia, Institute of Oceanography (unpublished manuscript). 82 p.

Canadian Arctic Gas Study Limited, 1975. Fisheries investigations in a coastal region of the Beaufort Sea. P.C. Craig (Ed.). Arctic Gas Biological Report Series Volume 34.

Canadian Marine Drilling Ltd, 1977a. Environmental observations - summary. Prepared by Marex for Canadian Marine Drilling Ltd., Calgary, Alberta. January 1977. (Unpublished manuscript). Report number 275.

Canadian Marine Drilling Ltd, 1977b. Environmental observations in the Beaufort Sea - 1977. Canmar Technical Report, Canadian Marine Drilling Ltd., Calgary, Alberta. 8 volumes. (Unpublished manuscript).

Canadian Marine Drilling Ltd, 1979. Environmental data observations in the Beaufort Sea - 1979. Canmar Technical Report, Canadian Marine Drilling Ltd., Calgary, Alberta. 6 volumes plus supplement. (Unpublished manuscript).

Canadian Marine Drilling Ltd, 1980. Environmental observations in the Beaufort Sea - 1980. Water Column Data. Canmar Technical Report, Canadian Marine Drilling Ltd., Calgary, Alberta. (unpub. manuscript).

Canadian Oceanographic Data Centre, 1963. Cape Parry Area, N.W.T. No. 5, 1963 data record series. Canada, Canadian Oceanographic Data Centre, Dept. Energy, Mines and Res., Ottawa. 44 p.

Canadian Oceanographic Data Centre, 1964. Data record - Franklin and Darnley Bays, N.W.T. No. 2, 1964 data record series. Canada, Canadian Oceanographic Data Centre, Dept. Energy, Mines and Res., Ottawa.

Chambers, M. and G. Bradley, 1976. Part 2 - Physical and water quality studies. R.A. Owens (Ed.). Environmental Studies, Hans Bay region, N.W.T., 1976, Volume 1, Aquatic Studies. Report by F.F. Slaney and Co. Ltd. for Gulf Oil Canada Ltd. pp. 6-14.

Coachman, L.K. and C.A. Barnes, 1961. The contribution of Bering Sea water to the Arctic Ocean. Arctic(14). pp. 147-161.

Coachman, L.K. and J.L. Newton, 1972. Water and ice motion in the Beaufort Sea, spring 1970. AIDJEX Bulletin No. 12, Arctic ice dynamics joint experiment, Div. of Marine Res., University of Washington, Seattle, Wash.

Collinson, R., 1889. Journal of HMS Enterprise, on the expedition in search of Sir John Franklin's ships by Bering Strait, 1850-1855. S. Low, Marston, Searle and Riverton, London. Facsimile edition, 1976, AMS Press, New York, NY.

Cook, J.A., 1926. Pursuing the whale. A quarter-century of whaling in the Arctic. The Riverside Press, Cambridge, Massachusetts. 344 p.

Cornford, A.B., D.D. Lemon, D.B. Fissel, H. Melling, B.D. Smiley, R.H. Herlinveaux, and R.W. Macdonald, 1982. Arctic Data Compilation and Appraisal. Volume 1. Beaufort Sea: physical oceanography - temperature, salinity, currents and water levels. Can. Data Rep. Hydrogr. Ocean Sci. 5. 279 p.

Craig, P.C.(Ed.), 1975. Fisheries investigations in a coastal region of the Beaufort Sea. Arctic Gas Biological Report Series V 34. Report by Aquatic Environments Ltd. to Canadian Arctic Gas Study Ltd. (unpublished manuscript).

Croasdale, K.R., 1970. The Beaufort Sea ice sampling project-1970 APOA report 2-1. Imperial Oil Ltd.

Davidge, D.A. and G.R. Mackenzie-Grieve, 1986. A follow-up water quality and biological survey of King Point and Stokes Point, Yukon - Beaufort Sea coast. Env. Canada, Env. Prot. Service, Draft Rep. Prog. Rep.

Dawson, W.B., 1920. Tidal investigations and results. In: Part C, Vol. X of Report of the Canadian Arctic Expedition, 1913-1918. Thomas Mulvey, printer to the King's Most Excellent Majesty, Ottawa.

De-Lange-Boom, B.R. and N. Hill, 1986. Data report for wave measurements at Amauligak I-65, summer 1986. Unpub. rep. by Arctic Laboratories Ltd., Sidney, B.C. for Beaudrill Ltd., Calgary, Alberta.

De-Lange-Boom, B.R. and B.A. Juszko, 1983. Beaufort Sea oceanographic program, summer 1983. Final data report by Arctic Laboratories Ltd. for Esso Res. Ltd. 40 p.

DeGraaf, D. and K. Machniak, 1977. Fisheries investigations along the Crossdelta Pipeline Route in the Mackenzie Delta. (In:) McCart, P. 1977. Arctic Gas Biological Report Series Vol 39. Studies to determine the impact of gas pipeline development on aquatic ecosystems. Report by Aquatic Environments Ltd. for Can. Arctic Gas Study Ltd. 169 p.

Devenis, P.K., 1985. Gulf 1984 Beaufort Sea drilling season. Environmental operating conditions: Pitsiulak A-05; Amauligak J-44; Akpak P-35; Tarsiut P-45 Summary Reports. Unpub. Rep. by Gulf Canada Res. Inc.

Dewis, F.J., A.A. Levinson, and P. Bayliss, 1972. Hydrogeochemistry of the surface waters of the Mackenzie River drainage basin, Canada - IV. Boron - salinity - clay mineralogy relationships in modern deltas. Geochim. Cosmochim. Acta(36). pp. 1359-1375.

Dickins, D.F. and I.A. Buist, 1981. Oil and gas under sea ice, 1st draft - unpub. rep by D.F. Dickins Eng. (Dickins) and Dome Petroleum Ltd. (Buist). Vol. 1 - 262 p plus Vol. 2 (Appendices).

Dickins Assoc. Ltd., D.F., Arctic Laboratories Ltd. and J. Hellebust, 1981. Return to Balaena Bay. Long-term effects of a large scale crude oil spill under arctic sea ice, 1975 to 1981. Rep. prep. for Gulf Canada Resources Inc., Calgary, Alta. 127 p. plus appendix.

Diemand, D., E.M. Reimer, and J.V. Barrie, 1982. Ocean drifter studies of surface currents along the coasts of Newfoundland and Labrador and in the Beaufort Sea. St. John's: Centre for Cold Ocean Resources Engineering, 1982. (Data report - Memorial University of Newfoundland. Centre for Cold Ocean Resources Engineering)((C-CORE publication no. 82-3)). viii, 35 p., figures, tables.

Duval, W.S., 1977. Planktonic communities. In: F.F. Slaney and Co. Ltd. 1976 Summer aquatic studies: Arnak L-30 artificial island site and Tuft Point borrow site. Rep. prep. for Imperial Oil Ltd., Calgary, Alta.

Envirocon Ltd, 1977. Isserk artificial island, environmental baseline and monitoring study, 1977. Report by Envirocon Ltd., Calgary, Alberta for Imperial Oil Ltd., Calgary, Alberta, December 1977 (unpublished manuscript). 119 p plus appendices.

Erickson, P. and R. Pett, 1981. Concentrations of suspended particulate material and dissolved oxygen in Tuktoyaktuk Harbour near dredging conducted by the Government of the Northwest Territories, June 16 - July 6, 1981. Arctic Laboratories Ltd. report to Water and Sanitation Section, Town Planning and Lands Division, Department of Local Government, Government of the Northwest Territories, Yellowknife, N.W.T. (unpublished manuscript). 71 p.

Erickson, P., D. Thomas, R. Pett, and B. De-Lange-Boom, 1983. Issungnak Oceanographic Survey, Part A: Oceanographic properties. Rep. prep. for Esso Resources Canada Limited, Gulf Canada Resources Inc., Dome petroleum Limited by Arctic Laboratories Limited, Inuvik, Northwest Territories. 194 p.

Fissel, D.B., 1981. An analysis of current meter data obtained at Canmar drillships, 1976-1979. Arctic Sciences Ltd. report to Dome Petroleum Ltd., Calgary, Alta. (unpublished manuscript).

Fissel, D.B. and J.R. Birch, 1982. An analysis of shallow water near bottom current measurements in the southeast Beaufort Sea, summer 1981. Arctic Sciences Ltd. report to Esso Resources Canada Ltd., Calgary, Alta. (unpublished manuscript). 49 p.

Fissel, D.B., J.R. Birch, and G.R. Wilton, 1984. Physical oceanographic data report: Nipterk L-19/Kaubvik I-43 site, Beaufort Sea, summer 1984, wave and water level data. Unpub. data report by Arctic Sciences Ltd. for Esso Resources Canada Ltd., Calgary, Alta. 89 p.

Fissel, D.B., D.N. Knight, and J.R. Birch, 1984. An oceanographic survey of the Canadian Arctic Archipelago, March-April 1982. Can. Contract. Rep. Hydrogr. Ocean Sci. 15. 415 p.

Fissel, D.B., G.R. Wilton, and D.N. Knight, 1981. Subsurface current measurements at Tarsiut and Uviluk drill sites January - August 1981. Unpub. data report by Arctic Sciences Ltd. for Dome Petroleum Ltd., Calgary, Alta. 50 p.

Fomin, L.M., 1964. The dynamic method in oceanography. Elsevier Oceanography Series Vol 2. Elsevier Publishing Co., Amsterdam, London and New York.

Foy, M.G. and S.I.C. Hsiao, 1976. Phytoplankton data from the Beaufort Sea, 1973 to 1975. Fish. & Mar. Service, Tech. Rep. No. 617. 44 p.

Fraker, M.A., C.D. Gordon, J.W. McDonald, J.K.B. Ford, and G. Chambers, 1979. White whale (Delphinapterus leucas) distribution and abundance and the relationship to physical and chemical characteristics of the Mackenzie estuary. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 863. 56 p.

Galbraith, D.F. and D.C. Fraser, 1974. Distribution and food habits of fish in the eastern coastal Beaufort Sea. Interim Rep. of Beaufort Sea Project Study B1 (Eastern), Beaufort Sea Project, Victoria, B.C. 48 p.

Galbraith, D.F. and J.G. Hunter, 1975. Fishes of offshore waters and Tuktoyaktuk vicinity. Beaufort Sea Project Tech. Rep. 7. 16 p plus appendices.

Gillie, R.D., 1985. King Point coastal zone sediment transport study. Contractor's final report on field operations. Unpub. rep. by Dobrocky Seatech Ltd., Sidney, B.C. for Geol. Survey of Canada. 30 p plus unnumbered Appendices.

Gillman, D.V. and A.H. Kristofferson, 1984. Biological data on Pacific herring (Clupea harengus pallasi) from Tuktoyaktuk Harbour and the Liverpool Bay area, Northwest Territories, 1981 to 1983. Can. Data Rep. Fish. Aquat. Sci. 485. iv plus 22 p.

Giovando, L.F. and R.H. Herlinveaux, 1981. A discussion of factors influencing dispersion of pollutants in the Beaufort Sea. Pacific Marine Sciences Report 81-4, Institute of Ocean Sciences, Sidney, B.C. (unpub. manuscript).

Grainger, E.H., 1974. Baseline study of the marine environment in the area of the Mackenzie Delta. Task Force on Northern Oil Development Rept. no. 74-22. Environmental social Committee Northern Pipelines. pp. 101-173.

Grainger, E.H., 1975. Biological productivity of the southern Beaufort Sea: the physical-chemical environment and the plankton . Beaufort Sea Project Tech. Rept. 12a, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Grainger, E.H. and J.E. Lovrity, 1975. Physical and chemical oceanographic data from the Beaufort Sea, 1960 to 1975. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 590.

Grainger, E.H., J.E. Lovrity, and M.S. Evans, 1977. Biological observations in the Eskimo Lakes, Arctic Canada. Physical, nutrient and primary production data, 1961-1976. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 685.

Griffiths, W., P. Craig, G. Walder, and G. Mann, 1975. Fisheries investigations in a coastal region of the Beaufort Sea (Nunaluk Lagoon, Yukon Territory). Chapt. II. In: P.C. Craig (Ed.). Fisheries investigatons in a coastal region of the Beaufort Sea. Biological Rep. Series, Vol. 34. Rep. Prep. by Aquatic Environments Ltd. for Canadian Arctic Gas Study Ltd. and Alaskan Arctic Gas Study Co . 219 p.

Griffiths, W.B., 1981. Characteristics of bowhead feeding areas. In: W.J. Richardson (Ed.). Behavior, disturbance responses and feeding of bowhead whales in the Beaufort Sea, 1980. Rep. Prep. by LGL Ecological Research Associates Inc. for U.S. Bureau of Land Management, Washington. pp 197-264.

Griffiths, W.B. and R.A. Buchanan, 1982. Characteristics of bowhead feeding areas. In: W.J. Richardson (Ed.), Behavior, disturbance responses and feeding of bowhead whales Balaena Mysticetus in the Beaufort Sea, 1980-81. Rep. prep. by LGL Ecological Research Associates Inc. for U.S. Bureau of Land Management, Washington. p 347-455.

Harwood, L.A. and G.A. Borstad, 1985. Bowhead whale monitoring study in the southeast Beaufort Sea, July-September 1984. Environmental Studies Revolving Funds Report No. 009. Ottawa. 99 p.

Hattersley-Smith, G.F., 1952. Beaufort Sea expedition, 1951. Arctic Circular V(2) . pp. 12-13.

Healey, D.A., 1971. Oceanographic observations in the Beaufort Sea, July 15 to September 4, 1970. Dept. of Fish. and Forestry, Marine Services Branch, Pacific Region, Victoria (unpub. manuscript).

Heath, W.A. and D.J. Thomas, 1983. A study of the benthos and sediment chemistry at Tarsiut N-44 artificial island and substrate borrow areas in the southern Beaufort Sea - 1982. Rep. for Gulf Canada and Dome Petroleum Ltd. by Arctic Laboratories Ltd. 79 p plus appendices.

Heath, W.A. and D.J. Thomas, 1984. The impact of gravel dredging on benthic fauna near Herschel Island, Yukon Territory, 1981-1982. Rep. for Dome Petroleum Ltd. and Gulf Canada Resources Inc. by Arctic Laboratories Ltd. 74 p plus appendices.

Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

Herlinveaux, R.H. and B.R. De-Lange-Boom, 1975. Physical oceanography of the southeastern Beaufort Sea. Beaufort Sea Project Tech. Rept. 18, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Herlinveaux, R.H., B.R. De-Lange-Boom, and G.R. Wilton, 1976a. Salinity, temperature, turbidity and meteorological observatons in the Beaufort Sea: summer 1974, spring and summer, 1975 . Pacific Marine Science Rept. 76-26, Institute of Ocean Sciences, Patricia Bay, Victoria, B.C. (unpub. manuscript).

Herlinveaux, R.H., B.R. De-Lange-Boom, and G.R. Wilton, 1976b. Water movements in the Beaufort Sea: summer 1974, spring and summer, 1975. Pacific Marine Science Rept. 76-27, Institute of Ocean Sciences, Patricia Bay, Victoria, B.C. (unpub. manuscript).

Hill, R.M., 1967. Observations on beluga whales trapped by ice in Eskimo Lakes, winter 1966/67. Unpub. rep. by Inuvik Research Laboratory, Dep. of Indian Affairs and Northern Development. 13 p.

Hillaby, B., 1977. Unpub. field notes of fisheries investigations at King Point Lagoon, Yukon Territory. For Dept. Fish. & Oceans, Vancouver, B.C.

Hodgins, D.O., O.J. Sayao, E.D. Kinsella, and P.W. Morgan, 1986 (in print). Nearshore sediment dynamics - Beaufort Sea. The 1986 Monitoring Program. Environmental Studies Revolving Funds, Ottawa. Report No. 054.

Hopky, G.A., D.B. Chiperzak, and M.J. Lawrence, 1986. Seasonal temperature, salinity and density data for the Canadian Beaufort Shelf: 1984-85. Can.

Data Rep. Fish. Aquat. Sci.

Huggett, W.S., M.J. Woodward, and A.N. Douglas, 1977. Data record of current observations Volume XVI: Beaufort Sea 1974 to 1976. Institute of Ocean Sciences, Patricia Bay, Sidney, B.C. (unpub. manuscript).

Huggett, W.S., M.J. Woodward, F. Stephenson, F.V. Hermiston, and A. Douglas, 1975. Near bottom currents and offshore tides. Beaufort Sea Project Tech. Rept. 16, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Humphrey, B., 1980. Dome/Canmar oil under ice experiment. Rep. by Arctic Laboratories Ltd. (Inuvik, N.W.T.) to Dome Petroleum Ltd., Calgary, Alberta (unpub. manuscript).

Hunkins, K., 1972. Water stress and ocean current measurements at Camp 200, 1971. AIDJEX Bulletin no. 12, Arctic ice dynamics joint experiment, Div. of Marine Res., University of Washington, Seattle, Wash . pp. 35-60.

Hunkins, K., 1974. Subsurface eddies in the Arctic Ocean. Deep-Sea Res.(21). pp. 1017-1033.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

Ince, S., 1962. Winter regime of a tidal inlet in the Arctic and the use of air for the protection of wharf structures. International Conference on Coastal Engineering, Eighth, Mexico. pp. 521-532.

Jones, M. and R. Kendel, 1973. The Beaufort Sea gillnetting program in the vicinity of King Point, Yukon. Memorandum Report. Dept. of Environment, Fisheries and Marine Serv., Whitehorse, Y.T.

Jones, M.L. and J. Den Beste, 1977. Tuft Point and adjacent coastal areas fisheries project. Rep. prep. by Aquatic Environments Ltd. for Imperial Oil Ltd., Calgary, Alta. 152 p.

Kelly, W.J.B., 1967. Tuktoyaktuk Harbour - a data report. Canada Dept. Energy, Mines and Res. Mar. Sc. Br. MS Rep. Ser. No. 7. (unpub. manuscript).

Kendel, R.E., R.A.C. Johnston, U. Lobsiger, and M.D. Kozak, 1975. Fishes of the Yukon Coast. Beaufort Sea Project Tech. Rept. 6, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (Available from Micromedia Ltd., Information Access, 144 Front St., Toronto, Ontario, M5J 1G2).

Kinney, P.J., D.C. Burrell, M.E. Arhelger, T.C. Loder, and D.W. Hood, 1970b. Chukchi Sea data report: USCGC Northwind, July-August 1968: USCGC Staten Island, July-August 1969. University of Alaska, Fairbanks. R-70-23. 305 p.

Kozo, T.L. and R.Q. Robe, 1986. Modeling winds and open-water buoy drift along the eastern Beaufort Sea coast, including the effects of the Brooks

Range. Jour. of Geophys. Res. Vol. 91(No. C11). pp 13011-13032.

Kurfurst, P.J., 1984. Geotechnical investigations in the southern Beaufort Sea - Spring 1984, GSC open file No. 1078. 93 p.

Kusunoki, K., 1962. Hydrography of the Arctic Ocean with special reference to the Beaufort Sea. Contributions from the Institute of Low Temperature Science, series A, no. 17 . Inst. of Low Temp. Sc., Hokkaido University, Sapporo, Japan . pp. 1-74.

Kusunoki, K., J. Muguruma, and K. Higuchi, 1962. Oceanographic observations at Fletcher's Ice Island (T-3) in the Arctic Ocean in 1959-60. Arctic Institute of North America. Research paper no. 22. pp 1-110.

Lafond, E.C., 1960. Arctic oceanography by submarines. U.S. Naval Inst. Proc. 86. pp. 90-96.

Larsen, M.A., 1945. Reports and other papers relating to the two voyages of the R.C.M. Police Schooner, St. Roch, through the Northwest Passage. Ottawa. 102 p.

Lawrence, M.J., J. Lacho, and S. Davies, 1984. A survey of the coastal fishes of the southeastern Beaufort Sea. Can. Tech. Rep. Fish. Aquat. Sci. 1220. 178 p.

Lemon, D.D. and D.M. Kowalski, 1982. Water column measurements at Canmar drillsites in the Beaufort Sea, 1976-1980. Unpub. rep. by Arctic Sciences Ltd., for the Institute of Ocean Sciences, Sidney. Vol. 1 - 100 p plus appendices; Vol. II - six volumes, unnumbered.

Lewis, E.L., 1980. The practical salinity scale 1978 and its antecedents. IEEE journal of oceanic engineering. Vol. OE-5(1). pp. 3-8.

Lyon, W., 1961. Ocean and sea-ice research in the Arctic Ocean via submarine. N.Y. Acad. Sci. Ser. 2 23(8).

Lyon, W., 1963. The submarine and the Arctic Ocean. Polar Record 11(75). pp. 699-705.

Lyon, W., 1984. The navigation of Arctic polar submarines. Journal of Navigation (37). pp. 155-179.

Macdonald, R.W., M.E. McFarland, S.J. deMora, D.M. Macdonald, and W.K. Johnson, 1978. Oceanographic data report, Amundsen Gulf, August to September 1977. Institute of Ocean Sciences, Patricia Bay, Sidney, B.C. (unpub. manuscript). Pacific Marine Science Report 78-10.

Manley, T.O., 1981. Eddies of the western Arctic Ocean - their characteristics and importance to the energy, heat and salt balance. Ph.D. Thesis, Lamont-Doherty Geological Observatory, Columbia University, Palisades, N.Y. Also available as CU-1-81 Technical Report No. 1, Office of Naval Research, U.S. Dept. of the Navy, Contract N00014-76-C-004 (unpub. manuscript).

Manley, T.O., 1981. Eddies of the western Arctic Ocean - their characteristics and importance to the energy, heat and salt balance. Lamont-Doherty Observatory of Columbia University, Palisades, NY. Doctoral dissertation and supporting material in CU-1-81. Tech. Report No. 1.

Manley, T.O., K. Hunkins, and W. Tiemann, 1980a. Arctic ice dynamics joint experiment 1975-76. Physical oceanography data report. Profiling current meter - Camp Caribou. Office of Naval Research, U.S. Department of the Navy, Contract N00014-76-C-004 (unpub. manuscript). Technical Report No. 4. 237 p.

Manley, T.O., K. Hunkins, and W. Tiemann, 1980b. Arctic ice dynamics joint experiment 1975-76. Physical oceanography data report. Profiling current meter data - Camp Blue Fox. Office of Naval Research, U.S. Department of the Navy, Contract N00014-76-C-004 (unpub. manuscript). Technical Report No. 5. 453 p.

Manley, T.O., K. Hunkins, and W. Tiemann, 1980c. Arctic ice dynamics joint experiment 1975-76. Physical oceanography data report. Profiling current meter data - Camp Snowbird. Office of Naval Research, U.S. Department of the Navy, Contract N00014-76-C-004 (unpub. manuscript). Technical Report No. 6. 455 p.

Manley, T.O., K. Hunkins, and W. Tiemann, 1980d. Arctic ice dynamics joint experiment 1975-76. Physical oceanography data report. Profiling current meter data - Camp Big Bear. Office of Naval Research, U.S. Department of the Navy, Contract N00014-76-C-004 (unpub. manuscript). Technical Report No. 7. 332 p.

Mann, G.J., 1974. Life history types of the least cisco (Coregonus sardinella, Valenciennes) in the Yukon Territory, North Slope, and Eastern Mackenzie River, Delta drainages. In McCart (Ed.): Life histories of three species of freshwater fishes in Beaufort Sea drainages, Yukon territory. Report by Aquatic Environment Ltd. for Arctic Gas. Biol. rep. ser. 18(3). 132 p.

Martin, L.C., V.A. Poulin, and G. Bradley, 1976. Lake and stream catalogue, Hans Bay region, N.W.T. Rep. prep. by F.F. Slaney and Co. Ltd. for Gulf Oil Canada Ltd., Calgary, Alta. 6 p. plus catalogue sheets.

McDonald, J.W. and L.C. Martin, 1976. A summer survey of the physical oceanography and water chemistry of the Mackenzie River Estuary, N.W.T., 1975. Report by F.F. Slaney to Imperial Oil Co. Ltd . (unpub. manuscript).

McLaren, P.L. and R.A. Davis, 1984. Distribution of bowhead whales and other marine mammals in the southeast Beaufort Sea, August - September 1983. Unpub. LGL Ltd. rep. for Dome Petroleum Ltd., and Gulf Canada Resources Inc., Calgary.

McNeill, M.R. and J.F. Garrett, 1975. Open water surface currents. Beaufort Sea Project Tech. Rept. 17, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Mel'nikov, I.A., 1976. Hydrobiological investigations in the central Arctic Ocean. Oceanology 16(3). pp. 314-315.

Melling, H., 1983. Oceanographic features of the Beaufort Sea in early winter. Can. Tech. Rep. Hydrogr. Ocean Sci:(20). 131 p.

Melling, H. and E.L. Lewis, 1982. Shelf drainage flows in the Beaufort Sea and their effect on the Arctic Ocean pycnocline;. Deep Sea Res. Vol. 29(no. 8A). pp. 967-985.

Murphy, D.L., I.M. Lissauer, and J.C. Myers, 1983. Movement of satellite-tracked buoys in the Beaufort Sea (1979-1981). U.S. Coast Guard R&D Center, Avery Point, Groton, Conn. Rep. No. CG-D-30-83. 53 p.

Myers, R.M. and J.A. Kirby, 1982. Oceanographic monitoring at Tarsiut Island. Unpub. rep. by Canmar 0023P/0003P, November 29, 1982. Data Report 1982.

NORCOR Engineering & Research Ltd, 1975. The interaction of crude oil with Arctic Sea ice. Beaufort Sea Project Tech. Rept. 27, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2). 149 p plus appendices.

Nadeau, O.C., 1984. Field operations report and data synthesis for the Beaufort Sea Sediment Dynamics Project: 1983-1984. Unpub. rep. by Arctic Laboratories Ltd. for the Atlantic Geoscience Centre, Dept. Energy Mines and Res. 16 p plus unnumbered appendices.

Oceanographic Services Inc, 1970. Ice and current measurement program in the Beaufort Sea, spring 1970. Unpub. rep. by Oceanographic Services Inc. for Imperial Oil Ltd . Rep. No. 201-2.

Paquette, R.G. and R.H. Bourke, 1974. Observations on the coastal current of Arctic Alaska. J. Mar. Res. 32(2). pp. 195-207.

Percy, R., 1975. Fishes of the outer Mackenzie Delta. Beaufort Sea Project Tech. Rept. 8, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Acess, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Pett, R., J. Acreman, and G. Vickers, 1981. The ice-flora and plankton near Issungnak artificial island in the southern Beaufort Sea - a progress report. Arctic Laboratories Ltd., Inuvik, N.W.T. (unpub. manuscript). 44 p.

Pett, R.J., G.P. Vickers, J.C. Acreman, and A.G. Ethier, 1983. A seasonal study of the epontic and planktonic communities near the Issungnak artificial island and McKinley Bay in the Canadian Beaufort Sea. Rep. prep. by Arctic Laboratories Ltd. for Fisheries and Oceans Canada. 89 p. plus appendix.

Ratynski, R.A., 1983. Mid-summer ichthyoplankton populations of Tuktoyaktuk Harbour, N.W.T. Can. Tech. Rep. Fish. Aquat. Sci. 1218. iv plus 21 p.

Richardson, W.J., 1986. Importance of the eastern Alaskan Beaufort Sea to feeding bowhead whales, 1985. W.J. Richardson (Ed.). Unpub. draft report by LGL Ecological Res. Assoc. and Arctic Sciences Ltd., for the U.S. Minerals Management Service. 327 p.

Robe, R.Q., I.M. Lissauer, and J.C. Myers, 1983. Beaufort Sea drifting buoys - 1983,. Paper presented at 7th Annual Arctic Marine Oil Spill Program Technical Seminar, Tech. Serv. Branch, Environ. Prot. Serv., Edmonton, Alberta, Canada, June 12-14, 1984.

Sergeant, D.E. and W. Hoek, 1974. Seasonal distribution of bowhead and white whales in the eastern Beaufort Sea. In: J.C. Reed and J.E. Sater (Ed.). The coast and shelf of the Beaufort Sea. Arctic Institute of North America, Arlington, Virginia. pp. 705-719.

Slaney, F.F. & Company Ltd, 1973a. Environmental impact assessment Immerk artificial island construction, Vol. 11 - environmental studies. Report to Imperial Oil Ltd., January, 1973. (unpub. manuscript). 64 p. plus appendices.

Slaney, F.F. & Company Ltd, 1973b. 1972 Environmental field program, Taglu Richards Island, Mackenzie Delta. Interim Report Part 6: Pollution Testing . Report to Imperial Oil Ltd., January, 1973. (unpub. manuscript). 4 p plus appendices.

Slaney, F.F. & Company Ltd, 1973c. Preliminary assessment, aquatic resources, Tuktoyaktuk Harbour. Rep. prep. for Imperial Oil Ltd., Calgary. 12 p.

Slaney, F.F. & Company Ltd, 1974a. Winter benthic and oceanographic surveys, offshore Mackenzie Delta, N.W.T. Report to Imperial Oil Ltd. (unpub. manuscript). 25 p. plus unnumbered appendices.

Slaney, F.F. & Company Ltd, 1974b. Winter environmental program. Unark, Pelly and Garry Artifical Island Sites, East Mackenzie Bay, N.W.T. Report to Sunoco Ltd. Calgary, Alberta. (unpub. manuscript).

Slaney, F.F. & Company Ltd, 1974c. 1972-1974. Environmental program - Mackenzie Delta N.W.T. Volume 7: Environmental Quality. Report to Imperial Oil Ltd., Gulf Oil Ltd., Shell Canada Ltd., Canadian Arctic Gas Study Limited, May 1974. (unpub. manuscript). 24 p plus appendices plus references.

Slaney, F.F. & Company Ltd, 1974d. 1972-1974. Environmental program - Mackenzie Delta N.W.T. Winter Study Supplement. Report to Imperial Oil Ltd., Gulf Oil Ltd., Shell Canada Ltd., Canadian Arctic Gas Study Limited, May 1974. (unpub. manuscript). 82 p .

Slaney, F.F. & Company Ltd, 1974e. Hydrology. Environmental Program, Mackenzie Delta, N.W.T., Canada, Volume 2. Imperial Oil Ltd., Gulf Oil Canada Ltd., Shell Canada Ltd., and Canadian Arctic Gas Study Ltd.

Slaney, F.F. & Company Ltd, 1974f. Aquatic Resources. Environmental Program, Mackenzie Delta, N.W.T., Canada, Volume 6. Imperial Oil Ltd., Gulf Oil Canada Ltd., Shell Canada Ltd., and Canadian Arctic Gas Study Ltd.

Slaney, F.F. & Company Ltd, 1975. Summer environmental program, Mackenzie River Estuary. Aquatic Studies Vol. I. Report to Imperial Oil Ltd. (unpub. manuscript). 221 p.

Slaney, F.F. & Company Ltd, 1976. 1975 Hydrology survey: Taglu, Richards Island, Mackenzie Delta, Northwest Territories. F.F. Slaney and Company, Vancouver, B.C.. (unpub. manuscript). 53 p plus unnumbered appendices.

Slaney, F.F. & Company Ltd, 1977a. Environmental assessment of construction and construction support activities for the proposed ten year Beaufort Sea offshore exploration program, Volume 2. Report to Imperial Oil Ltd. (unpub. manuscript). 98 p.

Slaney, F.F. & Company Ltd, 1977b. Biophysical data appendix, artificial island sites. Report to Imperial Oil Ltd. (unpub. manuscript).

Slaney, F.F. & Company Ltd, 1977c. 1976 summer aquatic studies, Arnak L-30 artificial island site and Tuft Point borrow site. Report to Imperial Oil Ltd. (unpub. manuscript).

Slaney, F.F. & Company Ltd, 1977d. Investigations of the aquatic resources of the Parsons Lake region and environmental impact assessment of the Parsons Lake gas development. Report to Gulf Oil Canada Ltd. 188 p plus unnumbered appendices.

Steen, J., 1986. Oceanographic and environmental summary data report. Unpub. Rep. by Canadian Marine Drilling Ltd., Calgary.

Stefansson, V., 1921. The Friendly Arctic. Greenwood Press, New York.

Thomas, D.J., 1977. Dissolved and sediment concentrations of cadmium, chromium, copper, lead, zinc, nickel, iron and mercury at the Dome Tingmiark K-91 drillsite. Rep. prep. by Seakem Oceanography Ltd., Sidney, B.C. for Dome Petroleum Ltd., Calgary, Alberta. (unpub. manuscript). 14 p.

Thomas, D.J., 1978a. Tingmiark K-91 and Kopanoar D-14: A chemical study one year after the occurrence of water flow, July 1978. Report by Seakem Oceanography Ltd., Sidney, B.C. for Dome Petroleum Ltd., Calgary, Alberta, 1978. (unpub. manuscript).

Thomas, D.J., 1978b. Kaglulik A-75: A chemical study during a sustained water flow, July 1978. Report by Seakem Oceanography Ltd., Sidney, B.C. to Canadian Marine Drilling Ltd., Calgary, Alberta. (unpub. manuscript). 31 p.

Thomas, D.J., 1978c. A baseline chemical survey at Tarsiut A-25, July 1978. Report by Seakem Oceanography Ltd., Sidney, B.C. to Canadian Marine Drilling Ltd., Calgary, Alberta. (unpub. manuscript).

Thomas, D.J., 1979a. Canmar-Summer's Harbour coaldusting operations, 1979. Environmental monitoring. Report by Arctic Laboratories Ltd. Inuvik, N.W.T. for Canadian Marine Drilling Ltd., Calgary, Alberta, December 1979. (unpub. manuscript).

Thomas, D.J., 1979b. A baseline chemical study at Kilannak A-77. Report by Arctic Laboratories Ltd. Inuvik, N.W.T. for Canadian Marine Drilling Ltd., Calgary, Alberta, December 1979. (unpub. manuscript).

Thomas, D.J., 1979c. Dome Petroleum-McKinley Bay dredging programme, Phase I. Geochemical baseline survey and environmental monitoring during 1979 operations. Report by Arctic Laboratories Ltd. Inuvik, N.W.T. for Dome Petroleum, Calgary, Alberta, November 1979. (unpub. manuscript).

Thomas, D.J., 1979d. The effect of discharged drilling fluid waste on primary productivity at Nerlerk M98. Report by Arctic Laboratories Ltd. Inuvik, N.W.T. for Canadian Marine Drilling Ltd., Calgary, Alberta. 31 p.

Thomas, D.J., 1980. Water quality measurements and dredge spoil monitoring at McKinley Bay, N.W.T., 1980. Rep. prep. by Arctic Laboratories Ltd., Inuvik, N.W.T. for Dome Petroleum Ltd., Calgary, Alberta. (unpub. manuscript). 41 p.

Thomas, D.J. and P.G. Berrang, 1982. Observations and water column measurements taken during the 1982 site surveys at Tingmiark K-91 and Kopanoar D-14. Unpub. report by Arctic Laboratories Ltd. for Dome Petroleum Ltd. 22 p.

Thomas, D.J., W.A. Heath, J.M. Koleba, B.M. Perry, and A.G. Ethier, 1982. A study of the benthos at Tarsiut N-44 artificial island and south Tarsiut borrow area 1980-1981. Progress rep. by Arctic Laboratories Ltd. for Dome Petroleum Ltd. 160 p.

Thomas, D.J., W.A. Heath, K.A. Thompson, and J.M. Koleba, 1981. An oceanographic study of Tuktoyaktuk Harbour N.W.T., 1980. Report by Arctic Laboratories, Inuvik, N.W.T. for Dome Petroleum Ltd., Calgary, Alberta, January 1981. (unpub. manuscript). 56 p plus appendices.

Thomas, D.J., R.W. Macdonald, and A.B. Cornford, 1982. Arctic Data Compilation and Appraisal. Volume 2. Beaufort Sea: Chemical Oceanography. Can. Data Rep. Hydrogr. Ocean Sci. 5. 243 p.

Thorndike, A.S. and T.O. Manley, 1980a. Updated position and ice velocity for the AIDJEX manned camps. CU-2-80, Technical Report No. 2, Office of Naval Research, U.S. Dept. of the Navy, Contract N00014-76-C-004. (unpub. manuscript).

Thorndike, A.S. and T.O. Manley, 1980b. Updated position and ice velocity for the AIDJEX manned camps. CU-3-80, Technical Report No. 3, Office of Naval Research, U.S. Dept. of the Navy, Contract N00014-76-C-004. (unpub. manuscript).

Timofeyev, V.T., 1960. Vodnye massy arkticheskogo basseine. Leningrad: Gidromet. Izdat. (University of Washington Library has a translated version). 190 p.

Tully, J.P., 1952. Oceanographic data of the western Canadian Arctic Region, 1935-37. J. Fish. Res. Bd. Canada 8(5). pp 378-382.

U.S. Naval Oceanographic Office, 1963a. Oceanographic data report, Arctic, 1958. U.S. Naval Oceanographic Office, Marine Sciences Dept., Washington, D.C. (unpub. manuscript). Informal Manuscript Rep. No. 0-26-63.

U.S. Naval Oceanographic Office, 1963b. Oceanographic data report, Arctic, 1959. U.S. Naval Oceanographic Office, Marine Sciences Dept., Washington, D.C. (unpub. manuscript). Informal Manuscript Rep. No. 0-43-63.

U.S. Naval Oceanographic Office, 1964. Oceanographic data report, Arctic, 1960. U.S. Naval Oceanographic Office, Marine Sciences Dept., Washington, D.C. (unpub. manuscript). Informal Manuscript Rep. No. 0-62-63.

U.S. Navy Hydrographic Office, 1954. Oceanographic observations, U.S.S. Burton Island, 1950-1953. H.O. Pub. 618-C, U.S. Navy Hydrographic Office, Washington, D.C. (unpub. manuscript).

U.S. Navy Hydrographic Office, 1956. Oceanographic survey results, Beaufort Sea area, summer 1954. U.S.S. Burton Island (AGB-1) and USCGC Northwind (WAGB-282). H.O. 15791, January 1956. U.S. Navy Hydrographic Office, Washington, D.C. (unpub. manuscript).

U.S. Navy Hydrographic Office, 1959. Oceanographic observations, arctic waters. Task Force Five and Six, summer-autumn 1957 summer-autumn 1957. USCGC Eastwind (WAGB-279), USCGC Westwind (WAGB-281), USCGC Spar (WAGL-403), USS Atka (AGB-3), USS Eldorado (AGC-11). Oceanographic Survey Branch, Division of Oceanography, U.S. Navy Hydrographic Office, Washington, D.C., November, 1959. (unpub. manuscript).

U.S. Navy Hydrographic Office, 1960. Oceanogrpahic observations, arctic waters. Task Force Five and Six, summer-autumn, 1956. USS Requisite (AGS-18), USS Eldorado (AGC-11), USS Atka (AGB-3), USCGC Eastwind (WAGB-279). Oceanographic Branch, Marine Surveys Division, U.S. Navy Hydrographic Office, Washington, D.C., October, 1960. (unpub. manuscript).

Vilks, G., 1973. A study of Globorotalia Pachyderma (Ehrenberg) = Globigerina Pachyderma (Ehrenberg) in the Canadian Arctic. Ph.D. Thesis, Dept. of Oceanography, Dalhousie University, Halifax, N.S.

Vilks, G., 1979. Foraminifera in sediment from the Beaufort Sea and Parry Channel. Bedford Institute of Oceanography Data Series BI-D-76-1.

Vilks, G., F.J.E. Wagner, and B.R. Pelletier, 1979. The holocene marine environment of the Beaufort Sea. Geol. Surv. Can. Bull. 303.

Wacasey, J.W., 1974. Biological oceanographic observations in the Eskimo Lakes, Arctic Canada. Zoobenthos Data, 1971-1973. Fish. Mar. Serv. Data. Rep. 41.

Wacasey, J.W., 1975. Biological productivity of the southern Beaufort Sea: Zoobenthic studies. Beaufort Sea Tech. Rep. No. 12b. 39 p.

Wagner, F.E., 1977. Recent mollusc distribution patterns and palaeobathymetry, southeastern Beaufort Sea. Can. J. Earth Sci. 14: . pp. 2013-2028.

Walker, E.R. and K.D. Chapman, 1973. Salinity-conductivity formulae compared. Dept. of Environment, Marine Science Directorate, Pacific Region, Victoria, B.C . Pacific Marine Science Report 73-5. 52 p.

Wong, C.S., W.J. Cretney, R.W. Macdonald, and P. Christensen, 1976. Hydrocarbon levels in the marine environment of the southern Beaufort Sea. Beaufort Sea Tech. Rep. No. 38. 113 p.

Wong, C.S., R.W. Macdonald,, R.D. Bellegay, and P. Erickson, 1981. Baseline data on chemical oceanography in the southern Beaufort Sea, 1974-5. Beaufort Sea Project Tech. Rept. 14, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

8. DATA INVENTORY TABLE 1 - SUMMARY LISTING OF DATA SETS

Table 1 summarizes the data sets included in this inventory, sequentially by data-set number. Water-property, moored current-meter, surface-drift, water-level and wave data are catalogued. BT data are not fully catalogued, however their existence has been noted in Table 1, and their general distribution may be deduced from the pattern of stations for a particular cruise, as they were usually collected at and along the track between stations. Over-the-side current measurements of short duration made with fixed-depth or profiling current meters have not been fully inventoried, however attempts were made to include all such data covering one tidal cycle or more.

Each column of the table contains the following information (symbols and abbreviations used in each column are explained as well):

Column 1 - Data Set I.D.

- contains the data-set identifier number, which is of the form yy-nnnn, where yy are the last two digits of the year in which the data set was collected, and nnnn is the sequential number of the data set for that particular year. (The series of data-set numbers applies to the whole set of inventories; gaps may appear in the sequence in any one inventory where data sets exist only in other areas or disciplines. A data set which appears in two or more areas or disciplines will have the same number in every case.) Data sets may be sub-divided by the addition of a letter at the end of the number. Sub-divisions have been used when different cruises have been grouped under one I.D. number, or when different programs were conducted on the same cruise. In the case of water-level stations, where data were collected at the same location intermittently or continuously over more than one year, one I.D. number has been used to represent the entire data set.

Column 2 - Ship or collecting agency

- contains the name of the ship (underlined), platform and/or agency

Column 3 - Dates of measurements

- gives the dates spanning the period during which measurements were taken in the area covered by the inventory. The year is given by the first two digits of the data set number in column 1, unless the measurement period spans the end of a year, in which case it is given explicitly. Question marks mean the dates could not be confirmed, generally due to poor/lack of documentation.

Column 4 - Quantity measured

- lists the physical parameters measured in the data set. a quantity followed by a ? means that reference to such measurement was made but no supporting details were available. Measurements identified as "Current" are Eulerian current measurements (made at a fixed location); "Current drift" refers to Lagrangian measurements. "Current profiles" are spot measurements at certain depths.

Column 5 - Instruments or methods used

- lists the instruments and methods used to made the measurements. The entries appear opposite the names of the quantities they measure. A question mark after the entry denotes an assumption, i.e. that the method used was not explicitly stated and an assumption was made from the standard practice at the time. A question mark alone means that the instrument used is unknown. In such cases, no estimates of precision and accuracy are given.

Column 6 - Estimate of data precision and accuracy

- lists the estimates of the precision (repeatability) and accuracy for each instrument opposite the entry for that instrument in column 5. For instruments of a digital nature, the precision specified is based on the resolution of the instrument. Where possible, estimates made by the original investigators are used. They are entered as two numbers of the form $\pm n_1$, n_2 where n_1 is the precision and n_2 the accuracy.

Where investigator's estimates were not available, the following special symbols and entries may have been used:

[$\pm n_1$, n_2]: standard oceanographic methods were used, which would normally result in these values. The techniques and precision/accuracy used in this context are:

BT	[±0.2, 0.2C°]
Reversing thermometer	[±0.02, 0.03C°]
Salinity - Hydrometer	[±0.2, 0.2^{o}/oo]
Salinity - Refractometer	[±0.5, 0.5^{o}/oo]
Salinity - Titration	[±0.02, 0.04^{o}/oo]
Salinity - Bench salinometer	[±0.01, 0.02^{o}/oo] [The make/model of salinometer is often unknown, but may be specified in Appendix 1]

High Quality CTD/STD	[±0.005, 0.01C°], [±0.005, 0.02°/oo]
$\pm n_1$ @:	manufacturer's specifications for that instrument.
$\pm n_1$?:	a questionable estimate, for reasons detailed in Appendix 1.

The column contains a '?' when no information was available and no reasonable assumption could be made.

Column 7 – Data rating number

- carries the data rating number assigned as explained in Section 5.

Column 8 – Area

- lists the areas in which the majority of the measurements in the data set were taken. (The areas are defined in Figure 1.)

Column 9 – Concurrent measurements

- lists known measurements in other disciplines taken as part of the data set. Further measurements may have been taken, but were not discovered while cataloguing the physical oceanographic data, and therefore cannot be listed. Unless otherwise specified (as sediment or ice for example), the medium within which the concurrent measurements were obtained is the water column.
- abbreviations for chemical and biological terms are given in Appendix 3.

Column 10 – Source or reference

- lists a primary source or reference for the data set. Data sets held in the data banks at the Marine Environmental Data Service, Ottawa or at the National Oceanographic Data Centre, Washington D.C. are identified, respectively by the entries MEDS# and NODC# followed by the data bank's identity number. A MEDS number alone does not necessarily mean that the data are not stored at NODC. If MEDS does not have the data then a NODC number is given if they are stored there. Appendix 2 lists addresses and contacts for these sources. Other references and reports are listed in Section 10.3.

TABLE 1: SUMMARY LISTING OF DATA SETS.

Data Set I.D.	Ship or Collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
14-0001	MV ALASKA, Can. Arctic Expedition	Apr.2-Aug.30	Water level Current	? ?		2 2		Plankton, fish, benthos	Dawson (1920)
14-0002	Can. Arctic Expedition	Dec.26 '14-Jan.30 '15	Water level	Staff	±0.75,?cm	3	Cape Kellett (Banks Island)		Dawson (1920)
16-0002	MV ALASKA, Can. Arctic Expedition	Jul.1-Aug.20	Current	?		2	Mackenzie Bay	Fish, benthos	Dawson (1920)
33-0004	Canadian Hydrographic Service	July-Aug.	Water level	?		2	Tuktoyaktuk		MEDS WL Stn. #6485
35-0001	MV ST. ROCHE, RCMP for Pacific Biol. Station	Aug.4-28	Temperature (surface) Salinity (surface)	Rev. therm. Hydrometer	[±.02,.03C°] [±.2,.2°/..]	3 3	Tuktoyaktuk Continental Shelf, Amundsen Gulf	Biological collections	Tully (1952)
37-0001	MV ST. ROCHE, RCMP for Pacific Biol. Station	Aug.17-18	Temperature (surface) Salinity (surface)	Rev. therm. Hydrometer	[±.02,.03C°] [±.2,.2°/..]	3 3	Tuktoyaktuk Continental Shelf, Amundsen Gulf	Biological collections	Tully (1952)
40-0010	MV ST. ROCHE, RCMP	Aug.11-27, Sept.19 '40-Aug.13 '41	Current Water level	? ?		2 2	Beaufort Sea, Amundsen Gulf	Fish, mammals	Larsen (1945)
50-0001	USS BURTON ISLAND, Scripps Inst. Oceanography and US Dept. of Defense	Aug.19-23	Temperature Salinity	Rev. therm., BT Knudsen titration	[±.02,.03C°] [±.2,.2C°] [±.02,.04°/..]	3 3 3	Continental Slope	O_2,plankton hauls, sediment, secchi	USNHO (1954) MEDS #318I01530 NODC #3150153
51-0001	USS BURTON ISLAND Scripps Inst. Oceanography and US Dept. of Defense	Sept.14-21	Temperature Salinity	Rev. therm., BT Knudsen titration	[±.02,.03C°] [±.2,.2C°] [±.02,.04°/..]	3 3 3	Continental Slope and Canada Basin	O_2,plankton hauls, benthos, sediment	USNHO (1954) NODC #3150400

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
51-0002	CGMV CANCOLIM II, Def. Res. Bd. and Pacific Biol. Station	Aug.20-Sept.15	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04°/oo]	3 3	Amundsen Gulf, Beaufort Sea	Plankton	Cameron (1952) Hattersley-Smith (1952) MEDS #181351801
51-0004	Canadian Hydrographic Service	Aug.17-Oct.13	Water level	?		2	Amundsen Gulf		Canadian Hydrographic Service
52-0001	CGMV CANCOLIM II, Pacific Biol. Stn. for Dept. Nat'l Defense	Jul.18-Aug.31	Temperature Salinity	Rev. therm. Knudsen titration	±.02,.03C° ±.02,.1°/oo	3 1	Tuktoyaktuk Continental Shelf, Beaufort Sea	O_2,benthos, plankton	Cameron (1953) MEDS #181352807
52-0002	USS BURTON ISLAND, Univ. of Washington	Sept.2-10	Temperature Salinity	Rev. therm., BT Knudsen titration	[±.02,.03C°] [±.2,.2C°] [±.02,.04°/oo]	3 3 3	Continental Shelves and Slopes	O_2,Si,PO_4, plankton, sediment secchi	USNHO (1954) NODC #3150400
52-0004	Canadian Hydrographic Service	Jul.-Oct.12	Water level	?		2	Amundsen Gulf, Tuktoyaktuk, Hershel Is.		Canadian Hydrographic Service
53-0001	USS BURTON ISLAND, (Scripps Inst. Oceanography)	Aug.8-26	Temperature Salinity	Rev. therm., BT Knudsen titration	[±.02,.03C°] [±.2,.2C°] [±.02,.04°/oo]	3 3 3	Amundsen Gulf, Prince of Wales Strait	O_2,Si,PO_4 Plankton, sediment	USNHO (1954) MEDS #31BI04300 NODC #3150430
53-0004	Canadian Hydrographic Service	Sept.6-8	Water level	?		0	Amundsen Gulf		Canadian Hydrographic Service
54-0001	CCGS LABRADOR	Sept.6-14 Jul.-Oct.	Temperature Salinity Water level	Rev. therm. Knudsen titration ?	[±.02,.03C°] [±.02,.04°/oo]	3 3 2	Continental Shelves and Slope, Amundsen Gulf		Bailey (1957) MEDS #180354189 NODC #1850172

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
54-0002	USS BURTON ISLAND	Aug.8-10, Sept.6-13	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04‰]	3 3	Continental Slope, Tuktoyaktuk Cont. Shelf Amundsen Gulf	O_2,Si,PO_4	USNHO (1956) MEDS #31BI24650 NODC #3150456
54-0003	USCGC NORTHWIND, Pac. Biol. Stn. for Dept. of Nat'l Defence	Aug.9-14, Sept.5-10	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04‰]	3 3	Amundsen Gulf, NW Banks Island	O_2,Si,PO_4, sediment, benthos	USNHO (1956) NODC #3150457
55-0001	USCGC NORTHWIND	Aug.27, Sept. 4	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04‰]	3	Tuktoyaktuk Shelf (near Hershel Is.)	Transparency	MEDS #31NW05180 NODC #3150518
55-0002	Canadian Hydrographic Service	Jul.25- Aug.19	Water level	Temporary shore-based tide gauge	[±1, ? cm]	3	Amundsen Gulf		Canadian Hydrographic Service
55-0016	USS BURTON ISLAND	Aug.2	Temperature Salinity	? ?		2 2	Beaufort Sea		MEDS #31BI05180 NODC #3150518
56-0001	USS REQUISITE	Jul.30- Aug.27	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04‰]	3 3	Mackenzie Bay, Amundsen Gulf		USNHO (1960) MEDS #31RQ05480 NODC #3150548
56-0004	Canadian Hydrographic Service	Jun.'56- Sept.'57	Water level	?		2	Tuktoyaktuk		MEDS WL Stn. #6485
56-0012	USSR Aircraft Landings, Sever-Series	Apr.14	Temperature Salinity	? ?		2 2	Canada Basin		Timofeyev (1960)
57-0001	USCGC SPAR	Jul.17-23	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04‰]	3 3	Amundsen Gulf	Transparency	USNHO (1959) NODC #3150570
57-0002	USS ATKA	Aug.3-18	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04‰]	3 3	Tuktoyaktuk Continental Shelf	Transparency	USNHO (1959) MEDS #31AK05710 NODC #3150570
58-0001	USS BURTON ISLAND, Scripps Inst. Oceanography?	Sept.2-4	Temperature Salinity	Rev. therm., BT Knudsen titration	[±.02,.03C°] [±.2,.2C°] [±.02,.04‰]	3	Tuktoyaktuk Shelf and Continental Slope	Plankton hauls	USNOO (1963a) NODC #3150574
59-0001	Ice Island T-3	Jun.9- Sept.10	Temperature Salinity	Rev. therm., BT Knudsen titration	±.02,[.03]C° [±.2,.2C°] ±.01, ? ‰	3 3 3	Canada Basin	O_2,SiO_3	Kusunoki et al. (1962) Kusunoki (1962) MEDS #311308010 NODC #3150738

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
59-0002	USS STATEN ISLAND	Aug.10-Sept.3	Temperature Salinity	Rev. therm., BT Salinometer	±.03,[.03]C° [±.2,.2C°] [±.01,.02°/..]	3 3 3	Tuktoyaktuk Cont. Shelf, Amundsen Gulf	Sediment	USNOO (1963b) NODC #3150636
59-0004	Canadian Hydrographic Service	Sept.'59-Dec. '60	Water level	?		2	Tuktoyaktuk		MEDS WL Stn. #6485
59-0014	US Aircraft Landings	Winter	Temperature Salinity	Rev. therm. Knudsen titration?	[±.02,.03C°] [±.02,.04°/..]	2 2	Beaufort Sea		Beal (1968a,b)
60-0001	USS BURTON ISLAND	Aug.16-Sept.19	Temperature Salinity	Rev. therm., BT Salinometer	[±.02,.03C°] [±.2,.2C°] [±.01,.02°/..]	3 3 3	Canada Basin, Beaufort Sea		USNOO (1964) NODC #3150667
60-0002	USCGC NORTHWIND	Oct.20-21	Temperature Salinity	Rev. therm. Salinometer?	[±.02,.03C°] ±.01, ? °/..	3 2	Continental Shelves		Paquette & Bourke (1974) MEDS #31NW08410 NODC #3150841
60-0003	MV SALVELINUS, Arc. Biol. Stn. for Fish. Res. Bd. Can.	Aug.1-31	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04°/..]	3 3	(West) Mackenzie Bay	Fish,benthos, plankton,O_2	Grainger & Lovrity (1975)
61-0001	MV SALVELINUS, Arc. Biol. Stn. for Fish. Res. Bd. Can.	Jul.5-Aug.27	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04°/..]	3 3	Eskimo Lakes, Liverpool Bay, Kugmallit Bay	Fish,benthos, zooplankton, O_2	Grainger & Lovrity (1975)
61-0002	Canadian Hydrographic Service	Summer 1961 to Present	Water level	Shore-mounted tide gauge	±1, 5 cm	3	Kugmallit Bay (Tuktoyaktuk)		On file at Tides & Currents, IOS
62-0001	MV SALVELINUS, Arc. Biol. Stn. for Fish. Res. Bd. Can.	Jul.15-Aug.29	Temperature Salinity	Rev. therm. Knudsen titration	[±.02,.03C°] [±.02,.04°/..]	3 3	Eskimo Lakes, Liverpool Bay, Amundsen Gulf	O_2,fish, invertebrates, benthos	Grainger & Lovrity (1975) CODC (1963) MEDS #180462377
62-0002	National Research Council of Canada	Apr.27-May 6	Temperature Salinity	Thermistors(NRC) Autolab Salinometer	±.01,.02C° ±.01,.02°/..	3 3	Kugmallit Bay		Kelly (1967) MEDS #180762447
62-0003	National Research Council of Canada	Nov.26-Dec.10	Temperature Salinity	Thermistors(NRC), BT Wayne Kerr Portable Salinometer	±.01,.03C° ±.1,.2C° ±.1,.5°/..	3 3 1	Kugmallit Bay		Kelly (1967) MEDS #180762448
62-0004	National Research Council of Canada	Dec.14 '62-May 1 '63	Temperature Salinity	BT Autolab Salinometer	±.1,.2C° ±.01,.02°/..	3 3	Kugmallit Bay		Kelly (1967) MEDS #180762449

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Page 5

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
63-0001	MV SALVELINUS, Arc. Biol. Stn. for Fish. Res. Bd. Can.	Jun.21–Sept.9	Temperature Salinity	Rev. therm., BT NIO Bridge Salinometer	[±.02,.03C°] [±.2,.2C°] [±.01,.02°/..]	3 3 3	Amundsen Gulf	O_2, fish, invertebrates, benthos	CODC (1964) Hunter & Leach (1983) MEDS #180463002
63-0002	National Research Council of Canada	May 2–5	Temperature Salinity	Thermistors (NRC) Wayne Kerr Portable Salinometer, RS-5 Portable Salinometer	±.01,.03C° ±.1,.5°/.. ±.3,.5°/..	3 3 3	Kugmallit Bay		Kelly (1967) MEDS #180763004, #180763010
63-0003	CSS RICHARDSON, Canadian Hydrographic Service	Jul.26–Sept.16	Temperature Salinity Water level	BT Autolab Salinometer ?	±.1,.2C° [±.02,.04°/..]	3 3 2	Kugmallit Bay, Mackenzie Delta		Kelly (1967) MEDS #180763002
64-0001	MV SALVELINUS, Arc. Biol. Stn.	Jul.4–Aug.13	Temperature Salinity	Rev. therm. Salinometer	[±.02,.03C°] [±.01,.02°/..]	3 3	Amundsen Gulf (Cape Parry)	Fish	Hunter & Leach (1983) MEDS #180464001
64-0002	USCGC NORTHWIND	Aug.19	Temperature Salinity	Rev. therm. Salinometer?	[±.02,.03C°] [±.01,.02°/..]	3 3	Tuktoyaktuk Continental Shelf		NODC #3150238
64-0003	Canadian Hydrographic Service	Jul.6–Sept.1	Water level	Temporary shore-mounted tide gauge	±?, ? cm	1	Mackenzie Bay (Garry Island)		Canadian Hydrographic Service
65-0001	Canadian Hydrographic Service	Jul.3–Aug.31	Water level	Temporary shore-mounted tide gauge	[±1, 5 cm]	3	Mackenzie Bay (Garry Island)		Canadian Hydrographic Service
66-0001	Canadian Hydrographic Service	Jul.24 '66 to present	Water level	Shore-mounted tide gauge	±1, 5 cm	3	Amundsen Gulf (Cape Parry)		On file at Tides & Currents, IOS
66-0002	Canadian Hydrographic Service	Jul.5–Aug.24	Water level	Temporary shore-mounted tide gauge	[±1, 5 cm]	3	Mackenzie Bay (Garry Island)		Canadian Hydrographic Service
66-0011	Inuvik Research Lab., DIAND	Nov.11 '66–Jan.13 '67	Temperature Salinity	? ?		2 2	Eskimo Lakes		Hill (1967)
69-0001	USS STATEN ISLAND	Aug.8–10	Temperature Salinity	Rev. therm. Salinometer?	[±.02,.03C°] [±.01,.02°/..]	3 2	Continental Slope	O_2,PO_4, SI, N	Burrell et al.(1970) MEDS #315I21750 NODC #3152175
69-0017	Arctic Biological Station	Jul.1–18	Temperature	?		2	Beaufort Coast, Mackenzie Bay	Mammals, wave climate	Sergeant & Hoek (1974)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
70-0001	AIDJEX '70 Pilot Project	Mar.24-30	Temperature Salinity currents (under ice)	Rev. therm. Salinometer Braincon 316	±.01, ? C° ±.01, ? ‰ ± 7, ? cm/s	3 1 3	Canada Basin		Coachman & Newton (1972) MEDS #314K16770 NODC #3151677
70-0002	CSS HUDSON, Atl. Geosci. Centre, BIO, for Geol. Survey Can.	Aug.28-Sept.24	Temperature Salinity	Rev. therm. Salinometer	[±.02,.03C°] [±.01,.02‰]	3 3	Beaufort Sea	Plankton sediment benthos	Vilks (1973) MEDS #181069050 NODC #50833
70-0003	CSS RICHARDSON Atl. Geosci. Centre, BIO, for Geol. Survey Can.	Jul.15-Aug.25	Temperature Salinity	? Industrial Instruments Portable Salinometer	±.01, ? ‰ ●	2 2	Kugmallit Bay, Tuktoyaktuk Shelf	Mineralogy, sediment, benthos	Healey (1971) Dewis, Levinson, & Bayliss (1972) MEDS #180270013
			Currents	Hydro Products 4505	± 7, 15° ●	2			
			Surface drift	Visual drifters	±0.1 n.m. position	3			
70-0004	CSS PARIZEAU?, Canadian Hydrographic Service	Jul.11-Sept.10	Water level	Temporary shore-based tide gauge	±1, 5 cm	3	Amundsen Gulf, Mackenzie Bay, Herschel Is.		Henry & Foreman (1977)
70-0005	Oceanographic Services Inc. for Imperial Oil Ltd.	Feb.23-Jun.1	Current (under ice)	Geodyne 102	2.5 cm/sec threshold	3	Mackenzie Bay, Kugmallit Bay, Franklin Bay	Ice motion	OSI (1970) Crossdale (1970)
70-0071	MEDS/Esso?	Aug.1-30	Waves	Waverider	±1.5%, .5 m ●	3	Near Herschel Island		MEDS File 90-1M
71-0001	MV SALVELINUS, Arc. Biol. Stn. for Fish.&Mar. Service Can.)	Jul.18-Sept.1	Temperature Salinity	Rev. therm. Bissett-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02‰]	3 3	Tuktoyaktuk Shelf, Liverpool Bay, Kugmallit Bay	Zooplankton, nutrients, O_2,Chl.A, benthos	Grainger & Lovrity (1975) Hunter & Leach (1983) MEDS #180471002
71-0002	CSS PARIZEAU, Canadian Hydrographic Service	Jul.-Aug.	Water level	Temporary shore-based tide gauge	±1, 5 cm	2	McKinley Bay, Liverpool Bay, Eskimo Lakes	Sediment, benthos	Henry & Foreman (1977) Canadian Hydrographic Service

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
71-0003	AIDJEX'71 Pilot Study	Mar.16–Apr.7	Temperature Salinity Currents (under ice)	Rev. therm. Salinometer Savonius Rotor meter	[±.02,.03C°] ±.01, ? °/oo ± ?, ? cm/s	3 3 3	Canada Basin		Hunkins (1972) MEDS 314K19470 NODC #3151974
71-0004	Arctic Biological Station for Fish.&Mar. Service Can.	Aug.19–Sept.9, Dec.15	Temperature Salinity	Rev. therm. Bisset-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02°/oo]	3 3	Eskimo Lakes	O_2,nutrients, Chl.A,pH,POC, secchi, plankton, benthos	Grainger, Lovrity & Evans (1977) MEDS #180471002
71-0018A	Freshwater Inst. for Task Force on Northern Oil Development	Aug.23–Sept.11	Temperature Salinity	? ?		2 2	Mackenzie Bay	SO_4,pH,O_2, metals, benthos	Brunskill et al.(1973)
71-0018B	Freshwater Inst. for Task Force on Northern Oil Development	Dec.11	Temperature Salinity	? ?		2 2	Mackenzie Bay	SO_4,pH,O_2, metals	Brunskill et al.(1973)
72-0001	Dalhousie University (Helicopter), Atl. Geosci. Centre	Mar.21–Apr. 9	Temperature Salinity	Rev. therm. Salinometer	[±.02,.03C°] ±.01, ? °/oo	3 3	Beaufort Sea	Plankton	Vilks (1973) MEDS #182872072
72-0003	F.F.Slaney&Co. Ltd.for Imper. Oil,Shell,Gulf, & Canadian Arc. Gas Study Ltd.	Aug.8–Sept.10	Conductivity	Conductivity bridge	± ?, ? °/oo	0	Mackenzie Bay	pH, turbidity, SO_4,TOC,Mg,Ca TH,EEHC,biota, sediment	Slaney (1973b, 1974c)
72-0004	MV SALVELINUS, Arc. Biol. Stn. for Fish.&Mar. Services Can.	Mar.17–Nov.25	Temperature Salinity	Rev. therm. Bisset-Berman 6230 Salinometer	[±.02,.03°/oo] [±.01,.02°/oo]	3 3	Eskimo Lakes, Liverpool Bay	Plankton, benthos,Chl.A, POC,O_2,pH, nutrients	Grainger, Lovrity & Evans (1977) Hunter & Leach (1983) MEDS #180472001
72-0006	MV ARCTICUS, F.F.Slaney&Co. Ltd.for Imper. Oil Ltd.	Jul.5–Aug.11	Temperature Salinity	Thermistor Conductivity cell	± ?, ? C° ± ?, ? °/oo	3 3	Mackenzie Delta (Harry & East Channels)	Benthos,fish, plankton,pH, SPM,CO_2,major elements	Slaney (1973a,b,1974c)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
72-0007	MV ARCTICUS, F.F.Slaney&Co. Ltd. for Imperial Oil Ltd.	Jul.6–Sept.19	Temperature Salinity Current	Martek Instruments Ltd. TDC Meter SK 70 Helix meter	± ?, ? C° ± ?, ? °/.. ± ?, ? cm/s	3 3 3	East Mackenzie Bay, Mackenzie Delta	Plankton, fish, benthos, O_2, pH, CO_2, HCO_3, turbidity	Slaney (1973a)
72-0009	CSS PARIZEAU, Canadian Hydrographic Service	Jan.'72 to present	Water level	Shore-based tide gauge	±1, 5 cm	3	Banks Island (Sachs Harbour)		On file at Tides & Currents, IOS
72-0010	Canadian Hydrographic Service	Jul.25–Oct.2	Water level	Temporary shore-based tide gauge	±1, 5 cm	3	Kugmallit Bay, Mackenzie Bay, Liverpool Bay, Amundsen Gulf		Henry & Foreman (1977)
72-0012	Freshwater Inst. for Fish. & Mar. Service/ Aq.Env.Ltd?	Jun.23–Aug.6	Temperature Salinity	? ?		2 2	Mackenzie Bay	Benthos, pH, metals, fish, O_2	Brunskill et al. (1973)
72-0118	Aquatic Env. Ltd. for Can. Arctic Gas Study Ltd.	Jul.3–Aug.6	Temperature Salinity	? ?		2 2	Yukon Coastal	Fish	Mann (1974)
73-0001	F.F.Slaney&Co. Ltd. for Imperial Oil Ltd.	Mar.20–21	Temperature Salinity Current	ARA Thermistor Sproule Cell SK 70 Helix, drag	± ?, ? C° ± ?, ? °/.. ± ?, ? cm/s	3 3 3	Mackenzie Bay	O_2, Si, pH, benthos, metals, plankton, turbidity	Slaney (1974a)
73-0002	MV NORTH STAR OF HERSCHEL ISLAND, Arc. Biol. Stn. for Fish.& Mar. Services Can.	Jul.20–27	Temperature Salinity	YSI Model 33 S-C-T meter	± ?, .5C° ● ± ?, .7°/.. ●	3 3	Continental Sea Shelves, Mackenzie Bay	O_2, nutrients, Chl.A, POC, zooplankton, secchi, benthos	Grainger (1974) Grainger & Lovrity (1975) MEDS #180473002
73-0003A	Arctic Biological Station	Feb.24–Oct.1	Temperature Salinity	Rev. therm. Bissett-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02°/..]	3 3	Eskimo Lakes	O_2, nutrients, Chl.A, POC, pH, secchi depth	Grainger, Lovrity & Evans (1977) MEDS #180473001
73-0003B	MV SALVELINUS, Arctic Biological Station	Jul.4–Sept.9	Temperature Salinity	YSI Model 33 S-C-T meter	± ?, .5C° ● ± ?, .7°/.. ●	3 3	Eskimo Lakes, Kugmallit Bay, Liverpool Bay	Nutrients, Chl.A, secchi depth	Grainger, Lovrity, & Evans (1977) Hunter & Leach (1983)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
73-0004	Canadian Hydrographic Service, IOS	Jul.'73-Aug.'74	Water level	Temporary shore-based tide gauge,	[±1.5 cm]	3	Amundsen Gulf, Liverpool Bay, Herschel Is.		Huggett et al. (1975) Henry & Foreman (1977)
				U.B.C. gauge,	± ?, ? cm	2			
				Offshore pressure gauge	± ?, ? cm	3			
73-0016	F.F.Slaney&Co. Ltd. for Imperial Oil Ltd.	Aug.12-16	Temperature (surface)	?		2	Tuktoyaktuk Harbour	Benthos, fish, secchi	Slaney (1973c)
			Salinity (surface)	?		2			
73-0019	F.F.Slaney&Co. Ltd. for Imperial Oil Ltd.	May 20-Oct.6	Conductivity	Cond. bridge	?	0	Mackenzie Delta	Turbidity, TOC, $CaCO_3$, pH	Slaney (1974c,e,f)
			Water level	Richards-type recorder	[±1.5 cm]	3			
73-0023	Aquatic Env. Ltd. for Can. Arctic Gas Study Ltd.	Jun.21,22; Jul.23, Aug.6,27; Sept.12	Temperature	?		2	Yukon Coast (Stokes Point Lagoon)	Fish	Mann (1974)
			Salinity	?		2			
73-0034	Ice Island NP-22	1976	Temperature	?		2	Canada Basin		Mel'nikov (1976)
			Salinity	?		2			
73-0125	Arctic Biological Station (Beaufort Sea Project)	Jul.21-Sept.9	Temperature	YSI model 33	±.5C° ●	3	Kugmallit Bay	Fish	Galbraith & Fraser (1974) Galbraith & Hunter (1975)
			Salinity	YSI model 33	±.7°/.. ●	3			
73-0126	Fish. & Mar. Service, Dept. Env.	Apr.9-15	Temperature	?		2	Yukon Coast	Fish	Jones & Kendel (1973)
74-0001	F.F.Slaney&Co. Ltd. for Imperial Oil Ltd.	Mar.11-Apr.18	Temperature	YSI model 33	± ?, .5C° ●	3	Mackenzie Bay	Si, O_2, PO_4, NO_3, HCO_3, TOC, pH, SPM, plankton, benthos, turbidity.	Slaney (1974a)
			Salinity	SCT meter	± ?, .7°/.. ●	3			
			Current	Hydro-Products	± ?, ? m/s	2			

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
74-0002	MV THETA, Institute of Ocean Sciences	Aug.13-Sept.5	Temperature	Rev. therm.	[±.02,.03C°]	3	Tuktoyaktuk Shelf, Mackenzie Bay	Turbidity	Herlinveaux et al. (1976a,b)
			Salinity	Autosal and Guideline 8101-8102 STD,	[± .01,.02°/..]	3			
				Bisset-Berman 6230 Salinometer	[± .01,.02°/.]	3			
			Current profiles	Hydro-Products Model 460	± ?, ? cm/s	2			
74-0003	MV ARCTICUS, F.F.Slaney&Co. for Imperial Oil Ltd.	Jul.7-Sept.29	Temperature	YSI SCT meter	± ?, .5C° ●	3	East Mackenzie Bay	Plankton,O_2, benthos,fish,pH, alk,H,Si,NO_3, PO_4,Ca,Mg,Cl,Pb, Cd,Ni,SPM,Chl.A, turbidity	Slaney (1975)
			Salinity		± ?, .7°/.. ●	3			
			Current	HydroProducts 465A	± ?, ?cm/s	2			
			Water level	Staff	± ?, ? cm	2			
74-0004	Institute of Ocean Sciences	Aug.3-Sept.19	Surface and ice drift	Aircraft-tracked drogues	±500m position	3	Mackenzie Bay, Kugmallit Bay		MacNeill & Garrett (1975)
74-0005	Institute of Ocean Sciences	May 5-Nov.16	Bottom currents	Aanderaa RCM4	±1 cm/sec ±10° direction	1	Tuktoyaktuk Shelf, Liverpool Bay, Mackenzie Bay, Kugmallit Bay, Phillips Bay		Huggett et al. (1975) Huggett, Woodward & Douglas (1977)
			Bottom pressure	Aanderaa TG1	[± .3, 3 cm]	3			
			Temperature	Aanderaa RCM4	± ?, .15 C° ●	3			
			Salinity		± .05, ?°/..	3			
74-0007A	MV THETA, Arctic Biological Station	Jul.14-Sept.2	Temperature	Rev. therm.	[±.02,.03C°]	3	Tuktoyaktuk Shelf, Beaufort Sea	Zooplankton, O_2,Chl.A,POC, nutrients,sediment,benthos, secchi depth	Grainger & Lovrity (1975)
			Salinity	Bissett-Berman 6230 Salinometer	[±.01,.02°/..]	3			
74-0007B	Arctic Biological Station	Mar.24-Apr.1, Jul.17-Sept.7, Dec.1	Temperature	Rev. therm.	[±.02,.03C°]	3	Tuktoyaktuk helf, Kugmallit Bay, Mackenzie Bay	Plankton,O_2, POC,Chl.A,fish, nutrients, benthos	Knowles & Wisehart (1977) Hunter & Leach (1983)
			Salinity	YSI model 33	± ?, .1°/.. ●	3			
74-0008	MV THETA, Ocean Chem., Inst. Ocean Sciences; Beaufort Sea Project	Aug.11-Sept.1	Temperature	Rev. therm.	±.01,.02C°	3	Tuktoyaktuk Shelf,	Nutrients,O_2 Mackenzie Bay	Wong et al. (1981) McDonald et al. (1987)
			Salinity	Autolab 601 MK 111 Salinometer	±.003,.02°/..	3			
74-0009	F.F.Slaney&Co. Ltd. for Imperial Oil Ltd.	Jan.24, Apr.10	Temperature	Thermistor	± ?, ? C°	2	Mackenzie Delta	O_2,turbidity, SO_4,Cl,HCO_3,Ca, pH,Mg,TH,TC,TOC, TIC,SPM,BOD,COD	Slaney (1974d)
			Current	Savonius rotor meter	± ?, ? cm/s	2			

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
74-0010A	Arctic Biological Station	Mar.1-2, May 24-25	Temperature Salinity	Rev. therm. Bissett-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02°/$_{oo}$]	3 3	Eskimo Lakes	O_2,Chl.A,POC, pH,PO_4,NO_2, NO_3,Si,secchi depth	Grainger, Lovrity, & Evans (1977)
74-0010B	Arctic Biological Station	Jun.20	Temperature Salinity	Rev. therm. Bissett-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02°/$_{oo}$]	3 3	Eskimo Lakes	O_2,Chl.A,POC, pH,PO_4,NO_2, NO_3,Si,secchi depth	Grainger, Lovrity, & Evans (1977)
74-0010C	Arctic Biological Station	Jul.2- Aug.23	Temperature Salinity	Rev. therm. Bissett-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02°/$_{oo}$]	3 3	Eskimo Lakes	O_2,Chl.A,POC, pH,PO_4,NO_2, NO_3,Si,secchi depth	Grainger, Lovrity, & Evans (1977)
74-0011	Aquatic Env. Ltd.for Can. Arctic Gas Study Ltd. & Alaskan Arctic Gas Study Co.	Jul.8- Sept.21	Temperature Salinity	YSI model 33 S-C-T Meter	±?,.3C° ±?,.1°/$_{oo}$	3 3	West of Herschel Island	O_2,POC,Si,pH, plankton, TDN,TDP,Ca,Mg, Na,K,SO_4,Cl, HCO_3,benthos	Craig (ed. 1975)
74-0019	F.F.Slaney&Co. Ltd. for Sunoco Ltd.	Feb.-Mar.	Temperature Salinity Currents	YSI model 33 S-C-T Meter Hydro-Products 465A	±?,.5C° ● ±?,.7°/$_{oo}$ ● ± ?, ? cm/s	3 3 2	(East) Mackenzie Bay	pH,HCO_3,O_2, turbidity,SPM, alk,Ni,Pb,Zn, Cr,Co,Mg,CO_2, benthos	Slaney (1974b)
74-0020	Freshwater Institute, Fish.& Mar. Service; Beaufort Sea Project	Mar.22- Sept.20	Temperature Salinity	Hach Kit Hach Chloride Kit Kahl 118 WA 300 Salinometer	? ?	1 1	Mackenzie Bay, Kugmallit Bay	Fish,O_2,pH, hardness, secchi depth	Percy (1975)
74-0021	Dept. of Environment; Beaufort Sea Project	Apr.1- Sept.4	Temperature Salinity	YSI model 43 Telethermometer	±?,0.5C° ● ±?,0.7°/$_{oo}$ ●	3 3	Mackenzie Bay	Fish,Co,Mn,Cd, O_2,alk.,Pb, pH,PO_4,NO_3, Si,Ca-H,TH,Cl, SO_4,Fe,TR,FR, Hg,Ca,Ni,Cr,Zn	Kendel et al. (1975)
74-0022	Aquatic Env. Ltd., Arctic Gas Study	Oct.1- Nov.11'74, Apr.2-5'75	Temperature Salinity	Mercury therm. Beckman RB 3Y147 Conductivity meter	± ?, 1C° ± ?, ? °/$_{oo}$	2 2	Mackenzie Delta	Fish samples, O_2,pH,SPM, turbidity	Aquatic Environments Ltd. (1975)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
74-0027A	Dickins Assoc. Ltd., Arctic Labs Ltd.,& NORCOR Eng. Res.Ltd.; Beaufort Sea Project	Aug.'74–Jul.'75	Temperature Salinity	Thermistors Refractometer, YSI meter	±?,.05C° [±.5,.5°/..] ±?,.1°/..	3 3 3	Balaena Bay (Franklin Bay)	plankton,HC, pH, CO_2	NORCOR (1975), Dickins Assoc. Ltd, Arctic Labs Ltd. & J. Hellebust (1981)
74-0027B	CCIW: Beaufort Sea Project G2b	Sept.5–10	Temperature Salinity	Hydrolab multiparameter system	±?,.1C° ±?,.2°/..	3 3	Balaena Bay (Franklin Bay)	O_2,light transmission, pH,ORP,biology	Adams (1974)
74-0126	Marine Environmental Data Service	Aug.26–30	Waves	Waverider	±1.5%, ±.5m ●	3	Tuktoyatuk		Marine Environmental Data Service File #3-2M
75-0001	Institute of Ocean Sciences	Mar.16–May 10	Temperature	Guildline 8202-8201	± ?, .02C°	3	Banks Island & Tuktoyatuk Cont. Shelves, Mackenzie Bay	Turbidity	Herlinveaux, de Lange Boom, & Wilton (1976a,1976b)
			Salinity	CTD	± ?, .02°/..	3			
			Temperature	Hydrolabs	± ?, 1C° ●	1			
			Salinity	TC 2	± ?, 1°/.. ●	3			
			Current profiles	Hydro-Products Model 460	± ?, ? cm/s	3			
			Ice drift	Loran-C	± ?, ? cm/s	3			
75-0002	MV PANDORA II, Arctic Marine Sciences, Inst. Ocean Sciences	Aug.5–24	Temperature Salinity	Guildline 8101-8202 CTD Rev. therm., Autosal Bench Salinometer	[±.001,.01C°] [±.001,.02°/..] [±.02,.03C°] [±.01,.02°/..]	3 3	Tuktoyaktuk Shelf, Mackenzie Bay	Turbidity	Herlinveaux, de Lange Boom, & Wilton (1976a,1976b)
			Current profiles	Hydro-Products Model 460	± ?, ? cm/s	3			
75-0003	Institute of Ocean Sciences	Jul.27–Sept.10	Surface drift	Aircraft-tracked drogues	±500 m position	3	Tuktoyaktuk Shelf		MacNeill & Garrett (1975)
75-0004	MV WILSON III, MV ARCTICUS, F.F.Slaney&Co. Ltd.,for Imper. Oil Ltd.	Jul.8–Aug.20	Temperature Salinity Current	YSI SCT meter Hydro-Products 465A	±?,.5C° ● ±?,.7°/.. ● ±?, ? cm/s	3 3 3	Mackenzie Bay, Kugmallit Bay	plankton,fish, O_2,CO_2,pH, alk$_t$,HCO_3, CO_3,H,SM,T-SPM, F-SPM,V-SPM,T-DS, V-DS,Cl,PO_4,Ca, NO_3,Mg,Cr,Cd, Pb,Ni,Si,TC,TOC, TIC,Chl.A	MacDonald & Martin (1976)
75-0005A	AIDJEX Main Experiment	Apr.4,'75–Apr.25,'76	Temperature Salinity	Plessey 9040 STD/CTD	±?,.05C° ±?,.04°/..	3 3	Canada Basin		Bauer et al. (1980)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
75-0005B	AIDJEX Main Experiment	Apr.8,'75-Apr.22,'76	Current profiles	TSK	± ?speed ±6°direction	3	Canada Basin		Manley et al. (1980)
75-0005C	AIDJEX Main Experiment	?	Current	Hydro-Products	?,? cm/s	2	Canada Basin		NODC-hourly values
75-0006	MV PANDORA II, Ocean Chemistry, Institute of Ocean Sciences	Aug.5-23	Temperature Salinity	Rev. therm. Autolab 601 MK111	±.01,.02C° ±.003,.02°/..	3 3	Tuktoyaktuk Shelf, Mackenzie Bay	O_2,SPM,biota, sediment,PO_4, plankton,NO_3,Si, alk_t,V, PAH,Hg	Wong et al. (1981) McDonald et al. (1987)
75-0007	Institute of Ocean Sciences	Jan.1-Sept.19	Currents (bottom) Water level	Aanderaa RCM4 Aanderaa TG1A, TG2A	±1 cm/sec, ±10° direction [±.3,3 cm]	1 3	Herschel Is., Kugmallit Bay, Tuktoyaktuk Shelf		Huggett et al. (1975) Huggett et al. (1977) Henry and Foreman (1977)
75-0008	Canadian Hydrographic Service	Jul.10-Sept.19	Water level	Temporary shore-based tide gauges	±1,10 cm	3	Thetis Bay, Phillips Bay, Mackenzie Bay, Liverpool Bay, McKinley Bay		Canadian Hydrographic Service, Henry and Foreman (1977)
75-0009	MV THETA, Arctic Biol. Station	Aug.20-Sept.9	Temperature Salinity	Rev. therm. Bench Salinometer	[±.02,.03C°] [±.01,.02°/..]	3 3	Tuktoyaktuk Cont. Shelf, West Mackenzie Bay	plankton, benthos,SPM	Bornhold (1975)
75-0010A	Arctic Biological Station	Feb.28-29	Temperature Salinity	Rev. therm. Bisset-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02°/..]	3 3	Eskimo Lakes	O_2,PO_4,Si, NO_3,Chl.A, pH,secchi depth, plankton,POC	Grainger, Lovrity and Evans (1977)
75-0010B	Arctic Biological Station	Jun.15-Jul.21	Temperature Salinity	Rev. therm. Bisset-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02°/..]	3 3	Eskimo Lakes	O_2,PO_4,Si, NO_2,Chl.A, pH,secchi depth, plankton,POC	Grainger, Lovrity & Evans (1977)
75-0011	F.F.Slaney&Co. Ltd.,for Imper. Oil Ltd.	Apr.9-Sept.29	Temperature Conductivity Water level Current profiles	Lambrecht therm. YSI SCT meter Stevens model 68 Hydro-Products	± ?, ? C° ± ?, ? °/.. ± ?, ? cm ± ?, ? cm/s	3 3 3 3	Taglu, Richards Is. (Mackenzie Delta)	O_2,pH,T-SPM, F-SPM,V-SPM,T-DS, F-DS,V-DS,HCO_3, Cl,SO_4,PO_4, NO_3,Cd,Fe,Ca, Mg,Cr,Pb,Ni,As, Fe,TC,TOC,TIC, CO_2,SM,BOD	Slaney (1976)
75-0012A	MV PANDORA II, & Helicopter, Arctic Biol. Station	Apr.26-May 10 & Jun.17-Jul.17	Temperature Salinity	Rev. therm Bisset-Berman 6230 Salinometer	[±.02,.03C°] [±.01,.02°/..]	3 3	Tuktoyaktuk Cont. Shelf, Mackenzie Bay	plankton, benthos,O_2 Chl.A,PO_4, Si,sediment,NO_3	Grainger & Lovrity (1975)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
75-0012B	Arctic Biological Station	May 10-Aug.25	Temperature	Rev. therm.	[±.02,.03C°]	3	Tuktoyaktuk Cont. Shelf, Kugmallit Bay	Fish, benthos	Hunter & Leach (1983)
			Salinity	Refractometer	±?,1.0%	3			
75-0024	Freshwater Institute, Fish.& Mar. Ser.;Beaufort Sea Project	Mar.8-18	Temperature	Hach Kit	± ?, ? C°	1	Mackenzie Bay, Kugmallit Bay	Fish, O_2,pH, alk,secchi depth	Percy (1975)
			Salinity	Hach chloride Kit, Kahl 118 WA 300 Salinometer	± ?, ? °/..	1			
75-0025	Fish.& Mar. Ser.,Dept. of Environment, Beaufort Sea Project	May 5-Aug.9	Temperature	YSI model 43 Telethermometer	±?,.5C° @	2	Mackenzie Bay to Kay Point	Fish O_2,benthos, pH,alk$_t$,TR,PO_4, acid Hy-PO_4,TH, organic PO_4,Fe, Ca-H,Si,Cl,SO_4, TKN,NH_3,organic N,NO_3,Hg,Cu,Ni, Cr,Co,Mn,Cd,Pb	Kendel et al. (1975)
			Salinity	YSI model 33 SCT meter	±?,.7°/.. @	2			
75-0026	Norcor Engineering & Research Ltd. for Beaufort Sea Project	Apr.12-13, Dec.18	Temperature	YSI SCT meter	±?,.5C°	3	Cape Parry (Balaena Bay?)	HC,pH,CO_2, plankton,O_2, benthos	Norcor Engineering & Research Ltd. (1975) Dickins et al. (1981)
			Salinity		±?,.8°/..	3			
75-0028	Glaciology Div., Inland Waters Dir., D.O.E.	May 24-Jun.25	Temperature	Hydrolabe TC-2	±?,.05C°	3	Franklin Bay (Balaena Bay)	pH,Chl,O_2,Ca, Cl,Mg,NO_3,PO_4, K,Na,SO_4,algae, plankton	Adams (1975)
			Salinity		±?,.5°/..	3			
75-0042	Aquatic Env. Ltd. for Can. Arctic Gas Study Ltd.	Jul.1-Sept.22	Temperature	Thermometer	± ?, .5C°	3	Mackenzie Delta	Fish,benthos, O_2,metals, secchi depth SPM	De Graaf & Machniak (1977)
			Salinity	Beckman RB4	± ?, 5%	3			
			Water level	Staff	± ?, ? cm	3			
75-0043	Beak Consultants for Can. Mar. Drilling Ltd.	Jul.20	Temperature	?		2	Tuktoyaktuk Harbour	O_2,pH,HC, metals,benthos, seals,turbidity	Beak Consultants (1975)
			Salinity	?		2			
75-0047	Arctic Biological Station	Jul.10-28	Temperature	?		2	Beaufort Sea, Amundsen Gulf		Arctic Biological Station (field notes)
75-0050	F.F.Slaney&Co. Ltd. for Imperial Oil Ltd.	Jun.23-Aug.7	Temperature	?		2		Fish,mammals, birds	Slaney (1976)
			Water level	?		2			

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
75-0146	Marine Environmental Data Service	Aug.8-Sept.6	Waves	Waverider	±1.5%,±.5 m ●	3	Tuktoyaktuk		MEDS File #3-2M
76-0001	Canadian Marine Drilling Ltd.	Aug.9-Oct.12	Temperature Salinity Currents (subsurface) Wave	Bathythermograph ? Hydro-Products950, Cushing Electro-magnetic Waverider	±?,.1C° ±1.5cm/sec,±11° ±4cm/sec ?	3 2 1 0	Tuktoyaktuk Cont. Shelf (Tingmiark & Kopanoar drill sites)	Turbidity	Canadian Marine Drilling Ltd. (1977a) Fissel (1981) Lemon & Kowalski (1982)
76-0002	Canadian Hydrographic Service	Jul.7-Sept.10	Water level	Temporary shore based tide gauges	±1, 5 cm	2	Eskimo Lakes, Mackenzie Bay, Banks Island Cont. Shelf, Amundsen Gulf		Canadian Hydrographic Service, Henry & Foreman (1977)
76-0003	MV ARCTICUS, MV J.S. KEEN, F.F.Slaney&Co., for Imperial Oil Ltd.	Jul.17-Sept.7	Temperature Salinity Current	YSI SCT meter YSI SCT meter Hydro-Products	± ?, .5C° ● ± ?, .7°/.. ● ±1.5cm/sec,±11°	3 3 3	Kugmallit Bay (Arnak site & Tuft Point)	O$_2$,plankton, sediment,fish, benthos,O$_2$,pH, HCO$_3$,H,T-SPM, F-SPM,V-SPM,Cl, T-DS,F-DS,V-DS, PO$_4$,NO$_3$,Ca, Mg,Cr,Cd,Pb,Ni, Si,TC,TOC,TIC	Slaney (1977b,c)
76-0004	MV ARCTICUS, F.F.Slaney&Co. Ltd. for Imperial Oil Ltd.	Apr.14, Aug.14-Sept.7	Temperature Salinity Current profiles	YSI SCT meter YSI SCT meter ?	± ?, .5C° ● ± ?, .7°/.. ●	3 3 2	Tuktoyaktuk Cont. Shelf, Mackenzie Bay	Turbidity,O$_2$, alk.,H,SM,Cl, T-SPM,F-SPM,Cu, V-SPM,T-DS,Mg, F-DS,V-DS,Cr, Pb,Ni,Si,TC,Cd, TOC,TIC,Chl.A, sediment, benthos	Slaney (1977a)
76-0020	MV SALVELINUS, Arc. Biol. Stn.	Jul.19-Aug.24	Temperature Salinity	Rev. therm. Refractometer	[±.02,.03C°] ± ?, 1.0°/..	3 3	Kugmallit Bay, Liverpool Bay, Mackenzie Bay	Fish,secchi depth	Hunter & Leach (1983)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?—Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
76-0036	F.F.Slaney&Co. Ltd. for Gulf Oil Canada	Jun.24–Sept.19	Temperature Salinity	Thermometer YSI bridge	±?,.1C° ± ?, ? °/oo	3 3	Eskimo Lakes	Turbidity, secchi depth, Chl.A,nutrients, O_2,SPM,fish, birds,plankton, benthos, sound-ings	Martin, Poulin & Bradley (1976), Chambers & Bradley (1976), Slaney (1977d)
76-0123	MEDS	Aug.8–Oct.10	Waves	Waverider	±1.5%,±.5m @	3	Tuktoyaktuk Cont. Shelf		MEDS File #25-1M, #50-1M
77-0001	Helicopter, F.F.Slaney&Co. Ltd.,for Freshwater Institute	Jul.4–Aug.11	Temperature Salinity	Hydrolab TC-2	±1C° @ ±1°/oo @	3 3	Mackenzie Bay	Turbidity,O_2, whale obs.	Fraker et al. (1979)
77-0002	Aquatic Env. Ltd. for Imperial Oil Ltd.	Jul.16–Sept.2	Temperature Salinity	Thermometer Beckman bridge, titration	± ?, ? C° ± ?, ? °/oo ± ?, ? °/oo	3 3	Tuktoyaktuk Peninsula Coastline	Fish,benthos, turbidity,O_2, SPM,pH,plankton	Jones & Best (1977) Aquatic Environments Ltd. (1977)
77-0003	MV PANDORA II, Ocean Chemistry Institute of Ocean Sciences	Aug.11–Sept.6	Temperature Salinity	Rev. therm. Autolab Salinometer	±.01,.02C° ±.003,.02°/oo	3 3	Amundsen Gulf	O_2, plankton, PO_4,NO_3,Si, SPM,Hg,sediment sampling	Macdonald et al. (1978)
77-0004	Canadian Marine Drilling Ltd.	Jul.10–Oct.22	Temperature Salinity Sub-surface currents Waves	Hydrolab C/T Sensor, BT Cushing Electro-magnetic, Hydro-Products 950 Waverider	± ?, 1C° @ ± ?, 1°/oo @ ±4 cm/sec ±1.5 cm/sec,±11° ±1.5%,±.5 m	3 3 1 3	Tuktoyaktuk Cont. Shelf	Turbidity	Canadian Marine Drilling Ltd. (1977b), Lemon & Kowalski (1982), Fissel (1981) MEDS File #192-2, #193-3M (Waves)
77-0005	Canadian Hydrographic Service	Jul.5–Sept.11	Water level	Temporary shore-based tide gauges	±1,10 cm	2	Amundsen Gulf, Liverpool & Mackenzie Bays		Canadian Hydrographic Service (Stn. 6499)
77-0009A	MV IMPERIAL IMMERK, Envirocon Ltd. for Imperial Oil Ltd.	Jul.26–Aug.29	Temperature Salinity Current profiles	YSI model 33 SCT meter Hydro-Products 960S	± ?, .1C° ± ?, .7°/oo ±3% accuracy	3 3 3	Tuktoyaktuk Cont. Shelf (Issark Is.)	O_2,alk_t, NO_3,NO_2,NH_3,SPM, PO_4,Si,plankton, secchi depth, benthos,fish, secchi depth, Chl.A	Envirocon Ltd. (1977)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
77-0009B	MV ARCTIC PELLY Imperial Oil Ltd.	Aug.11-Sept.16	Waves	Waverider	±1.5%,±.5 m ●	3	Tuktoyaktuk Cont. Shelf (Isserk Is.)		MEDS File #194-1, 194-1A
77-0010	CANMAR SUPPLIER V, Seakem Ocean., for Dome Petroleum Ltd.	Sept.12-Oct.4	Conductivity	Cond. bridge	?	0	Tuktoyaktuk Cont. Shelf (Tingmiark K-91 drill site)	Cd,Cr,Cu,Pb,Zn, Fe,Ni,Hg,Ca,Mg, Na,K,SO_4,Ba, sulphide, sediment	Thomas (1977)
77-0020	Dept. Fisheries & Oceans (Pac. Region)	Jul.27-Aug.1	Temperature Salinity	? ?		2 2	Mackenzie Bay	Benthos,fish	Hillaby (1977)
77-0035	MV SALVELINUS, Arc. Biol. Stn.	Jul.21-Aug.23	Temperature Salinity	Rev. therm. Refractometer	[±.02,.03C°] ± ?, 1.0°/..	3 3	Beaufort Sea Coastal Zone	Benthos,fish	Hunter & Leach (1983)
77-0123	MEDS/Gulf	Aug.15-Oct.10	Waves	Waverider	±1.5%,±.5 m ●	3	Tuktoyaktuk Cont. Shelf		MEDS File #190-2M #191-1M
78-0001	Canadian Marine Drilling Ltd.	Jul.15-Oct.10	Temperature Salinity Sub-surface currents Waves	Hydrolab CT Sensor? Hydro-Products 950 Waverider	± ?, 1C° ● ± ?, 1°/.. ● ±1.5 cm/sec ±11° direction ±1.5%,±.5 m	2 2 1 3	Tuktoyaktuk Cont. Shelf, Mackenzie Bay (Ukalerk, Kopanoar & Koglulik sites)	Turbidity	Fissel (1981) Lemon & Kowalski (1982) MEDS File #192-2 (Wave) #196-2
78-0002	MV CANMAR, SUPPLIER V, Seakem Ocean. for Can. Marine Drilling Ltd.	Jul.15-19, Sept.23-24	Temperature Salinity	Applied Micro-systems CTD-12	±?,.06C° ±?,.04°/..	3 3	Tuktoyaktuk Cont. Shelf (Tingmiark drill site)	Fe,Cu,Zn,Cd,Ni, Cr,Pb,Hg,Ba,Na, K,Mg,Ca,SO_4,pH, O_2,benthos, sediment, plankton	Thomas (1978a)
78-0018	Seakem Ocean. Ltd., for Can. Mar. Drilling Ltd.	Jul.20	Temperature Salinity	Applied Micro-systems CTD-12	±.006,.08C° ±.03,.04°/..	3 3	Mackenzie Bay (Tarsiut drill site)	Plankton,Ca,Cu, sediment,SO_4, zoobenthos,Fe, Zn,Cd,Ni,Cr,Pb, Hg,pH,Na,Mg,K	Thomas (1978c)
78-0019	Canadian Marine Drilling Ltd.	Jul.29-30	Temperature Salinity	Applied Micro-system CTD-12	±.006,.08C° ±.03,.04°/..	3 3	Tuktoyaktuk Cont. Shelf (Koglulik A-75 drill site)	Sediments,O_2, Fe,Cu,Zn,Cd,Ni, Cr,Pb,Hg,pH,Na, Mg,K,Ca,SO_4	Thomas (1978b)
78-0031	Freshwater Institute	Jun.26-29, Sept.7-4	Temperature Salinity	YSI meter or Beckman RS5-3	±?,.5C° ±?,.7°/..	3 3	Tuktoyaktuk Peninsula Coastline	Metals,O_2, Chl.A,alk,pH, fish,nutrients	Lawrence, Lacho & Davies (1984)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
78-0113	MEDS/Gulf?	Aug.4-13	Waves	Waverider	±1.5%,±.5 m ●	1	Tuktoyaktuk Cont. Shelf		MEDS File #198-2M.
78-0114	Canadian Hydrographic Service	Jul.24-Aug.30	Water level	Aanderaa TG2A	[±.3, 3 cm]	3	Cape Parry		On file at Tides & Currents, IOS
79-0001	Institute of Ocean Sciences	Nov.25-30	Temperature Salinity	Guildline Model 8706-87102 CTD	±.005,.01C° ±.005,.02°/..	4 4	Canada Basin		Melling (1983)
79-0002	Canadian Marine Drilling Ltd., US Coast Guard	Aug.13-Oct.15	Surface drift	Satellite-tracked drifters (RAMS)	±5 km position	3	Canada Basin		Murphy Lissauer and Myers (1983)
79-0003	Canadian Marine Drilling Ltd.	Jul.13-Oct.21	Temperature Salinity Currents	Hydrolab CT Sensor, CTD-12 Hydro-Products 950 Marsh-McBirney	±?,1C° ● ±?,1°/.. ● ±1.5 cm/s,±11° ±4 cm/s	3 3 1	Tuktoyaktuk Cont. Shelf, Herschel Is.	Turbidity	Canadian Marine Drilling Ltd. (1979) Fissel (1981) Lemon & Kowalski (1982)
			Waves	Waverider	±1.5%,±.5 m	3			
79-0004	Canadian Marine Drilling Ltd.	Nov.27-Dec.16	Currents (under ice)	Drifting buoy carrying Aanderaa RCM 4	±1 cm/s ±10° direction (relative)	3	Tuktoyaktuk Cont. Shelf		Canadian Marine Drilling Ltd.
79-0005	MV ARCTIC HOOPER, Arc.Lab.Ltd.for Can.Mar.Drill. Ltd.	May 21-Sept.19	Temperature Salinity	Applied Micro-systems CTD-12	±?,.04C° ±?,.08°/..	3 3	Amundsen Gulf (Summer's Harbour)	Sediment,COD, transparency, SPM	Thomas (1979a)
79-0007	MV CANMAR SUPPLIER, Arc.Lab.Ltd.for Can.Mar.Drill. Ltd.	Jul.22	Temperature Salinity	Applied Micro-systems CTD-12	±?,.04C° ±?,.04°/..	3 3	Tuktoyaktuk Cont. Shelf (Kilannak A-77 drill site)	Fe,Cu,Zn,Cd,Ni, Cr,Pb,Hg,sediment,benthos	Thomas (1979b)
79-0009	MV CANMAR SUPPLIER V, Arc.Lab.Ltd.for Can.Mar.Drill. Ltd.	Sept.9	Temperature Salinity	Applied Micro-systems CTD-12	±.01,.04C° ±.03,.04°/..	3 3	Tuktoyaktuk Cont. Shelf (Nerlerk M-98 drill site)	Plankton,SPM, Fe,Zn,Cu,Cr,Ni, Pb,Cd,Cl, turbidity	Thomas (1979d)
79-0010	Arc.Lab.Ltd.for Can.Mar.Drill. Ltd.	Sept.25-27	Temperature Salinity	Applied Micro-systems CTD-12	±?,.04C° ±?,.09°/..	3 3	McKinley Bay	O_2,SPM,pH, transparency	Thomas (1979c)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
79-0016	Canadian Hydrographic Service	Aug.'79-Aug.'80	Water level	Aanderaa TG2A	[±.3,3 cm]	3	Cape Parry		On file at Tides & Currents, IOS
79-0026	Arc.Lab.Ltd.for Dome Petroleum Ltd., Oil Under Ice Study-Phase 1	Dec.13 Dec.9-19	Temperature Salinity Currents	Thermistor chains YSI 33 SCT Aanderaa RCM-4	±?,.05C° ±?,.6 to 2.1°/.. ±.3 cm/s	3 3 3	Tuktoyaktuk Cont. Shelf (McKinley Bay)	Benthos,HC, fish,sediment, algae,birds, mammals,O_2	Dickins & Buist (1981) Humphrey (1980)
79-0037	Freshwater Institute	Jun.28-Sept.16	Temperature Salinity	Beckman RS5-3	±?,.5C° ±?,.7°/..	3 3	Tuktoyaktuk Cont. Shelf	Chl.A,O_2, benthos,pH,alk, SPM,Ca,Fe,Mg,Na, TDN,TDP,fish	Lawrence, Lacho & Davies (1984)
79-0120	MEDS/Gulf/Esso?	Aug.19-Oct.15	Waves	Waverider	±1.5%,±.5 m @	3	Tuktoyaktuk Cont. Shelf (Issungnak)		MEDS File #198-2M
79-0121	C-Core	September	Surface drift	Drift cards		3	Beaufort Sea		Diamond, Reimer & Barrie (1982)
80-0001	Canadian Marine Drilling Ltd., US CoastGuard	Aug.13-Oct.24	Surface drift	Satellite-tracked drogued drifters (Argos)	±1.2 km position	4	Tuktoyaktuk Cont. Shelf		Murphy, Lissauer & Myers (1983)
80-0002	Canadian Marine Drilling Ltd.	Jul.2-Oct.3	Temperature Salinity Currents Wave	Hydrolabs CTD probe, Applied Micro-systems CTD-12 Hydro-Products, Marsh McBirney Waverider	± ?, .1C° ±.02 to .5C° ±.07 to 1.5°/.. ±1.5 cm/s,±11° ±4 cm/s ±1.5,+.5 m @	3 3 1 3	Tuktoyaktuk Cont. Shelf		Canadian Marine Drilling Ltd. (1980) Lemon & Kowalski (1982) MEDS File #202 & #200-3M (Waves)
80-0003	MV BEAUFORT SEA EXPLORER; IMPERIAL ADGO; ZANEN F-15,Arc. Lab.Ltd. for Dome Petroleum Ltd.	Jul.4-Sept.26	Temperature Salinity	Applied Micro-systems CTD-12	±.01,.04C° ±.03,.09°/..	3 3	McKinley Bay	O_2,SPM,TOC, turbidity	Thomas (1980)
80-0004	Arc.Lab.Ltd.for for Dome Petroleum	Jul.10-12, Aug.12-15, Aug.27-Sept.7, Sept.24-26	Temperature Salinity	Applied Micro-systems CTD-12	±.01,.03C° ±.03,.04°/..	3 3	Tuktoyaktuk Harbour	O_2,SPM,sediments,benthos, transparency	Thomas et al. (1981)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
80-0011B	Canadian Hydrographic Service	Aug.'80- Jul.'81	Water level	Aanderaa TG2A	[±.3,3 cm]	3	Cape Parry		On file at Tides & Currents, IOS
80-0016A	Dome Petroleum (Oil Under Ice Study, Phase 2)	Apr.3-13	Temperature	Thermistor chain, YSI 33 SCT	±?,.05C° ± ?, ? C°	1	McKinley Bay	Plankton,HC	Dickins & Buist (1981)
			Salinity	YSI 33 SCT	±.6 to 2.1°/..	1			
			Current	Aanderaa RCM-4	±.3 cm/s	3			
80-0016B	Dome Petroleum (Oil Under Ice Study, Phs.2a)	Apr.26- May 3	Temperature	Thermistor chain, YSI 33 SCT	±?,.05C° ± ?, ? C°	1	McKinley Bay	Plankton,HC	Dickins & Buist (1981)
			Salinity	YSI 33 SCT	±.6 to 2.1°/..	1			
			Current	Aanderaa RCM-4	±.3 cm/s	3			
				Cushing EM	±2cm/s threshold,±20°	3			
			Water level	Sounding line	±20 cm	3			
80-0025	LGL for US Bureau Land Mgmt.(Bowhead Whale Study)	Aug.14-27, Sept.6	Temperature	Hydrolab system 8000	±?,.1C°	3	Cont. Shelf, Yukon Coast	Benthos,HC, fish,plankton, whale,obs.	Griffiths (1981) Griffiths & Buchanan (1982)
			Salinity		±?,.1°/..	3			
80-0028	Dome Petroleum Ltd.(Oil Under Sea Ice Study - Phase 3)	May 21- Jul.8	Temperature	YSI meter	± ?, ? C°	2	McKinley Bay	Plankton,fish, birds,mammals,	Dickins & Buist (1980)
			Salinity	YSI meter	± ?, ? °/..	2			
80-0041	MV ARCTIC DAWN, Dobrocky Seatech Ltd.for Dome Petroleum	Aug.11- Sept.26	Temperature	YSI 33 SCT	±?,.1C° ●	3	Kugmallit Bay	Fish	Byers & Kashino (1980)
			Salinity	YSI 33 SCT	±?,.7°/.. ●	3			
80-0110	Freshwater Institute	Jul.2-7, Aug.1-6, Sept.6-10	Temperature	Beckman RS5-3	[±?,.5C°]	3	Tuktoyaktuk Cont. Shelf (Richard's Is. Coastline)	Chl.A,O_2, pH,alk, SPM,TDN,TDP,Ca, Fe,Mg,Na,fish	Lawrence, Lacho & Davies (1984)
			Salinity	Beckman RS5-3	[±?,.7°/..]	3			
81-0001	Institute of Ocean Sciences	Mar.18- Apr.17, Mar.23- Aug.16	Temperature	Guildline 8706	±.001,.003C°	4	Canada Basin, Tuktoyaktuk Cont. Shelf, Banks Is. Shelf		Frozen Sea Research Group, Institute of Ocean Sciences
			Salinity	87102 CTD	±.001,.01°/..				
			Sub-surface currents	Aanderaa RCM 4	±1 cm/s ±10° direction	3			
			Temperature	Aanderaa RCM-4	± ?, .15C°	3			
			Salinity		±.07,?°/..	3			
81-0002A	Arctic Sciences Ltd. for Dome Petroleum Ltd.	Jan.18- Aug.4	Sub-surface currents	Aanderaa RCM-4	±1 cm/s ±10° direction	3	Tuktoyaktuk Cont. Shelf (Tarsiut & Uviluk drill sites)		Canadian Marine Drilling Ltd. Fissel, Wilton & Knight (1981)
			Temperature	Aanderaa RCM-4	± ?, .15C° ●	3			
			Salinity		±.07,?°/..	3			

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
81-0002B	Arctic Sciences Ltd. for Dome Petroleum Ltd.	Aug.11'81–Sept.24'82	Current Temperature Salinity	Aanderaa RCM-4 Aanderaa RCM-4 Aanderaa RCM-4	±1 cm/s, ±10° ± ?, .15C° ±.07,?°/..	3 3 3	Tuktoyaktuk Cont. Shelf (Tarsiut)		Birch, Fissel & Wilton (1982)
81-0002C	MV CANMAR EXPLORER II, III, and IV	Jul.–Oct.	Wave Current Temperature Salinity	Waverider Aanderaa, ACM2 CTD	±1.5%,±.5 m @ ± ?, ? cm/s ± ?, ? C° ± ?, ? °/..	2 2 2 2	Tuktoyaktuk Cont. Shelf (Irkaluk, Issungnak, Koakoak,Kopanoar, Kenalooak, Kilannak)	Weather,sea state,sea surface temperatures	Wave-MEDS #196-2M #201,#202, & #204; Canmar archive tape
81-0003A	Helicopter, Arc. Lab. Ltd. for Esso, Gulf, & Dome	Mar.7-9	Temperature Salinity	Rev. therm. Salinometer	[±.02,.03C°] [±.01,.02°/..]	3 3	Tuktoyaktuk Cont. Shelf	O_2,SPM,HC,Zn, nutrients,Cu,Hg, Cd,Cr,PO_4,NO_3, Si,PAH,TOC,POC, DOC,alk_t,sediment,plankton	Erickson et al. (1983)
81-0003B	Helicopter, Arc. Lab. Ltd. for Esso, Gulf, & Dome	May 13-16	Temperature Salinity	Applied Microsystems CTD-12	±.01,.03C° ±.03,.04°/..	3 3	Tuktoyaktuk Cont. Shelf	Zn,Cu,Hg,Cd,Cr, O_2,PO_4,NO_3, Si,SPM,PAH,TOC, DOC,POC,alk_t, plankton,	Erickson et al. (1983)
81-0003C	MV SEQUEL, Arc. Lab. Ltd. for Esso, Gulf, & Dome	Jul.24-26 Jul.24–Sept.23	Temperature Salinity Temperature	Applied Microsystems CTD-12 Thermistor chain	±.01,.03C° ±.03,.04°/.. ± ?, ?C°	3 3 2	Tuktoyaktuk Cont. Shelf	Zn,Cu,Hg,Cd,Cr, O_2,PO_4,NO_3, Si,SPM,PAH,TOC, DOC,POC,alk_t, plankton,benthos	Erickson et al. (1983)
81-0003D	Helicopter, Arc. Lab. Ltd. for Esso, Gulf, & Dome	Sept.25, Oct.10'	Temperature Salinity	Applied Microsystems CTD-12	±.01,.03C° ±.03,.04°/..	3 3	Tuktoyaktuk Cont. Shelf	Zn,Cu,Hg,Cd,Cr, O_2,PO_4,NO_3, Si,SPM,PAH,TOC, DOC,POC,alk_t, plankton,benthos	Erickson et al. (1983)
81-0006	Canadian Marine Drilling Ltd.	April	Under-ice currents	Drifting buoy carrying Aanderaa RCM-4	±1 cm/s ±10° direction (relative)	2	Beaufort Sea		Canadian Marine Drilling Ltd.
81-0013	Arc. Lab. Ltd. for Dept. of Local Govt. NWT	Jun.21–Jul.7	Temperature Salinity	Applied Microsystems CTD-12	±.01,.03C° ±.03,.04°/..	3 3	Tuktoyaktuk Harbour	SPM,O_2	Ericksen & Pett (1981)
81-0015	Arc. Lab. Ltd. for Arctic Biological Stn.	May 15–Sept.26	Temperature Salinity	Applied Microsystems CTD-12	[±.01,.03C°] [±.03,.04°/..]	1 1	Tuktoyaktuk Cont. Shelf (Issungnak drill site), McKinley Bay	Plankton,sediment,O_2,Si, PO_4,NO_3, Chl.A,Phaeo.	Pett, Acreman & Vickers (1981)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
81-0016	Arctic Sciences Ltd. for Esso Resources Canada Ltd.	Aug.8-Sept.26	Currents (subsurface)	Endeco 105 & Aanderaa RCM-4	±2.6,5.4 cm/s, ±1,7° ±1cm/s,or2%,±10°	3	Tuktoyaktuk Cont. Shelf (Alerk, Issungnak & W.Atkinson drill sites)		Birch & Fissel (1982)
			Temperature	RCM-4	±.02,.15C°	3			
81-0017	Canadian Hydrographic Service	Jul.17-Nov.14	Water level	Temporary shore-based tide gauges	[± 1, 10 cm]	3	Tuktoyaktuk Cont. Shelf, Mackenzie Delta, Cape Parry		On file at Tides & Currents, IOS
81-0018	MV SEQUEL, Arc. Lab. Ltd. for Dome Petroleum Ltd.	Sept.11-22	Salinity	Salinometer	[±.01,.02°/..]	2	Tuktoyaktuk Cont. Shelf (Tarsiut site), Herschel	Sediment, benthos	Thomas et al. (1982) Heath & Thomas (1984)
81-0027	MV SEQUEL, LGL for US Bureau Land Mgmt. (Bowhead Whale Study)	Aug.1-25, Sept.6	Temperature Salinity	Hydrolab system 8000	±?,.1C° ±?,.1°/..	3 3	Tuktoyaktuk Cont. Shelf & Slope, Kugmallit Bay	Benthos,fish, plankton,whale obs, secchi depth	Griffiths & Buchanan (1982)
81-0029	Dept.Fish.& Oceans (Freshwater Inst.)	May 4-Jun.15	Temperature (surface)	?		2	Kugmallit Bay, Liverpool Bay	Fishery survey	Gillman & Kristofferson (1984) Bond (1982)
81-0038	USCG, CANMAR	Oct.27-Nov.4	Surface drift	ARGOS drifters	±1.2 km accuracy	3	Continental Slope		Murphy, Lissauer & Myers (1983)
82-0003	Arctic Sciences Ltd.,for Inst. of Ocean Sciences	Mar.29-Apr.2	Temperature Salinity	Guildline 8706 CTD	±.001,.01C° ±.001,.02°/..	3 3	Amundsen Gulf, Pr. Wales Str.	Inorganic micro-nutrient	Fissel,Knight & Birch (1984)
82-0004	Institute of Ocean Sciences	Mar.28-May 2	Water level	TG2A,TG3A,TG5A, AML	[±.3,3.0 cm]	2	Amundsen Gulf		CHS
82-0006	Canadian Hydrographic Service	Aug.'82 Aug.'83	Water level	Aanderaa,AML	[±.3, 3.0 cm]	3	Cape Parry, Tuktoyaktuk, Sachs Harbour		On file Tides & Currents, IOS
82-0032	Dept.Fish.& Oceans	Jul.27-Aug.11	Temperature Salinity	Applied Microsystems CTD-12	[±.01,.04C°] [±.03,.09°/..]	3 3	Kugmallit Bay	Plankton,fish	Ratynski (1983)
82-0050	USCG, CANMAR	Sept.9,'82-Jan.28'83	Surface drift	ARGOS drifters	±1.2 km accuracy	3	Beaufort Sea		Melling (pers. comm.)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
82-0093A	Helicopter, Arc. Lab. Ltd. for Dome, Esso, & Gulf	Feb.19–23	Temperature Salinity	Applied Micro-systems CTD-12	±.01,.03C° ±.03,.04°/..	3 3	Tuktoyaktuk Cont. Shelf (Issungnak 0-61)	Benthos, sediment, metals, O_2, nutrients, TOC, SPM, Chl.A, PAH	Erickson et al. (1983)
82-0093B	Helicopter, Arc. Lab. Ltd. for Dome, Esso, & Gulf	Apr.15–16	Temperature Salinity	Applied Micro-systems CTD-12	±.01,.03C° ±.03,.04°/..	3 3	Tuktoyaktuk Cont. Shelf (Issungnak 0-61)	Benthos, sediment, metals, O_2, nutrients, TOC, SPM, Chl.A, PAH	Erickson et al. (1983)
82-0094	MV SEQUEL, Arc. Lab. Ltd. for Dome&Gulf	Sept.3–5	Salinity (bottom water)	Salinometer	[±.01,.02°/..]	4	Herschel Is.	Benthos, sediment	Heath & Thomas (1984)
82-0095	EPS Environment Canada	Aug.5–7	Temperature Salinity	YSI model 33 YSI model 33	± ?, .1C° ● ± ?, .7°/.. ●	3 3	King Point, Stokes Point (Yukon Coast)	Benthos, sediment, pH, O_2	Allan & Mackenzie-Grieve (1983)
82-0097	MV SEQUEL, Arc. Lab. Ltd. for Dome&Gulf	Jul.24–31	Salinity (bottom water)	?		2	Tuktoyaktuk Cont. Shelf (Tarsiut drill site)	Benthos, sediment	Heath & Thomas (1983)
82-0105	Dept. Fish. & Oceans, Pacific Region	Aug.12–Sept.6	Temperature	?		2	Yukon Coast	Fish	Unpublished
82-0110	Arc. Lab. Ltd. for Fish. & Oceans Can.	Feb.19–Jun.11	Temperature Salinity	? ?		2 2	Tuktoyaktuk Cont. Shelf	Plankton, Chl.A, nutrients, O_2	Pett et al. (1983)
82-0111	Freshwater Institute	Jun.2–Jul.6	Temperature (surface)	?		2	Kugmallit Bay, Liverpool Bay	Fisheries survey	Gillman & Kristofferson (1984)
82-0117	Arctic Sciences Ltd. for Esso Resources Canada Ltd.	Aug.3–Sept.25	Current	DOWS VMCM, NB ACM, Endeco 105	Res:±.04cm/s,1.4 ● ±1 cm/s or 5%, ±5° ● ±2.6,5.4 cm/s; ±1°	3	Isserk Shoal, Issungnak, Kadluk		Birch, Wilton & Fissel (1982)
			Temperature	DOWS VMCM, NB ACM	±.004,?C° ● ±?,.5C° ●	3			
			Wave	Waverider	±1.5%,±.5 m ●	3			
82-0118	MV CANMAR EXPLORER II, III, and IV	Jul.–Oct.	Temperature Salinity Waves Current	CTD CTD Waverider Neil Brown ACM2, Aanderaa	± ?, ? C° ± ?, ? °/.. ±1.5%,±.5 m ● ± ?, ? cm/s	2 2 3 3	Nerlerk, Orvilruk, Irkaluk, Alverk, Kenalook&Tarsiut drill sites		MEDS File #196,#201, #204 CANMAR Archive tape Myers & Kirby (1982)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
82-0119	MV CANMAR SUPPLIER II, Arc. Lab. Ltd. for Dome Petroleum Ltd.	Sept.18	Temperature Salinity	Applied Micro-systems CTD-12	±.01,.04C° ±.01,.04°/..	3 3	Tuktoyaktuk Cont. Shelf (Tingmiark drill site)		Thomas & Berrang (1982)
83-0017B	Canadian Hydrographic Service	Feb.'83 Aug.'84	Water level	Aanderaa	[±.3, 3 cm]	3	Cape Parry, Tuktoyaktuk		On file at Tides & Currents, IOS
83-0027	LGL Ltd. for Dome Petroleum and Gulf	Aug.19–Sept.11	Temperature (surface?)	?		2		Turbidity, whale obs., birds	McLaren & Davis (1984)
83-0032	USCG, CANMAR	Aug.17–Oct.28	Surface drift	Satellite-tracked drifters	± ?, ? cm/s	3	Beaufort Sea		Robe Liessauer & Myers (1983)
83-0047	Inflatable boat, Environmental Protection Service	Aug.2-4	Temperature Salinity	YSI model 33 YSI model 33	± ?, .1,C° @ ± ?, .7°/.. @	3 3	Stokes Point	O_2,sediment, benthos	Allan & Mackenzie-Grieve (1984)
83-0054	MV SEQUEL, Env.Protection Service	Jul.12-15	Temperature Salinity	? ?		2 2	Tuktoyaktuk Cont. Shelf, Kugmallit Bay	Sediment	EPS (NW Territories)
83-0058	Arc. Lab. Ltd. for Fish.& Oceans Can., DIAND,Dome Petroleum and Gulf Oil	Aug.21,23, Oct.9	Temperature Salinity	Thermometer Salinometer	±.1,?C° [±.01,.02°/..]	3 3	Tuktoyaktuk Cont. Shelf Kugmallit Bay, Liverpool Bay, Eskimo Lakes	Chl.A,secchi depth,SPM	Borstad (1985)
83-0059	Simon Fraser University	Aug.23-31	Temperature Salinity	? ?		2 2	Cont. Shelf & Slope, Kugmallit Bay, Mackenzie Bay	SPM,Chl.A, bacteria	Albright (1986)
83-0065	Arc. Lab. Ltd., for AGC	Jul.19–Aug.10	Temperature Salinity	Applied Micro-systems CTD-12	±?,.03C° ±?,.1°/..	3 3	Tuktoyaktuk Cont. Shelf, Kugmallit Bay	SPM,turbidity, plankton, Chl.A	Nadeau (1984)
83-0067	Arc. Lab. Ltd. for Esso Res.Ltd.	Jul.30–Sept.9	Current Temperature Wave	Neil Brown ACM Neil Brown ACM Waverider	±1 cm/s,±2° @ ±.5C° @ ±1.5%,.5 m @	3 3 3	Tuktoyaktuk Cont. Shelf (Kadluk & Amerk drill sites)		deLange Boom & Juszko (1983)
83-0068	Freshwater Institute	Jun.11-19, Sept.12-15	Temperature (surface)	?		2	Liverpool Bay	Fishery survey	Gillman & Kristofferson (1984)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
83-0069	CANMAR	Aug.2-Dec.31	Temperature Salinity Current Wave	AML CTD-12 AML CTD-12 Neil Brown ACM 2 Waverider	± ?, ? C° ± ?, ? °/.. ± ?, ? cm/s ±1.5%,.5 m ●	2 2 2 2	Beaufort Shelf (Sluluk,Arluk, Alverk,Natiak Havik,Nerlerk, & Uviluk drill sites)	Weather,ice conditions, sea state	CANMAR Archive tape
83-0070	MEDS/Gulf, MacLaren Plansearch?	Aug.25-Sept.5	Wave Current?	Waverider	±1.5%,.5 m ●	0 2	Tuktoyaktuk Cont. Shelf (Pitsiulak drill site)		MEDS #207
84-0017	ESL Env.Sci. Ltd. & G.A. Borstad Ltd.for ESRF & DIAND	Aug.22, Sept.8-12	Temperature (surface)	NOAA 7 satellite, (radiometer)	±?,1C°	3	Beaufort Sea, Amundsen Gulf	Mammals, turbidity	Harwood & Borstad (1985)
84-0032	Freshwater Institute	Jul.7-26, Sept.7-10	Temperature Salinity	? ?		2 2	Beaufort Sea Coastal	Fish,plankton, secchi depth	Unpublished
84-0043	Atlantic Geoscience Centre	Apr.1	Temperature Salinity	Guildline 122E CTD	±?,.01C° ±?,.025°/..	3 3	Tuktoyaktuk Cont. Shelf	Sed. cores, transmissivity	Kurfurst (1984) Nadeau (1984)
84-0044	MV SEQUEL, Arc. Lab. Ltd. for AGC Beaufort Sed. Dynamics Study	Jul.10-21	Temperature Salinity	Guildline 122E CTD	±?,.01C° ±?,.025°/..	3 3	Tuktoyaktuk Cont. Shelf	Sed. cores	Nadeau (1984)
84-0045	Arc. Lab. Ltd. for Gulf	Aug.8-Sept.?	Current Wave Temperature Salinity	Arc.Lab.real-time Waverider Applied Microsystems CTD-12	± ?, ? cm/s ± ?, ? cm ± ?, ? C° ± ?, ? °/..	2 2 2 2	Tuktoyaktuk Cont. Shelf (Amauligak, Tarsiut, drill site),Herschel Basin		Devenis (1985)
84-0046	MV ARCTIC PELLY, MV NANA BUSH, Arctic Sciences Ltd. for Esso Resources Ltd.	Jul.23-Sept.27	Current Wave Water level	Neil Brown ACM Endeco 105 Waverider See Data 635-11	±1 cm/s,±5° Resol:±.04 cm/s,±1.4° ±1.5%,0.5 m ● ±.01 m,.1 m ●	3 3 3	Tuktoyaktuk Cont. Shelf (Amerk, Nipterk/ Koubvik drill sites)		Birch, Fissel & Wilton (1984a,b) Fissel, Birch & Wilton (1984)
84-0047	Inflatable boat, EPS	Aug.1-7	Temperature Salinity	YSI model 33 YSI model 33	± ?, .1 C° ● ± ?, .7°/.. ●	3 3	Stokes Point, King Point	Sediment, benthos	Davidge & Mackenzie-Grieve (1986)
84-0048	MV CANMAR EXPLORER	Jul.13-Oct.23	Current Temperature Salinity	Aanderaa, Neil Brown ACM-2 Applied Micro-systems CTD-12	[±1 cm/s,± 5°] ? ± ?, ? C° ± ?, ? °/..	2 2 2	Beaufort Shelf (Natiak,Sluluk, Arluk,Alverk & Havik drill sites)	Weather, ice conditions, sea state	CANMAR archive tape

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
84-0049	Twin Otter, Institute of Ocean Sciences	Mar.'84- Aug.'85 Apr.1-6	Current Temperature Salinity	Aanderaa Guildline? CTD	± ?, ? cm/s [±.001,.01C°] [±.001,.02°/..]	2 2 2	Herschel Canyon, W. M'Clure Str.		Perkin (pers. comm.)
85-0006	ESL Env.Sc. Ltd.,G.A. Borstad Ltd, Cascadia Res. Coll.,PN Res. Proj.,& Arctic Labs Ltd.for ESRF	Aug.18-25, Sept.12-18	Temperature	?		2	Beaufort Sea, Amundsen Gulf	Mammals, turbidity	ESL (Unpublished)
85-0007	LGL Ltd. for DIAND	Aug.18-31	Temperature	Hydrolab 4021	±.1,.2C°	3	Mackenzie Bay	Nutrients,O_2, Chl.A,fish, turbidity	Bradstreet & Fissel (1986)
85-0014	Freshwater Institute	Jun.27-Aug.21	Temperature Salinity	? ?		2 2	Yukon Coast	Fish	Unpublished
85-0016	Simon Fraser University	Aug.26-27	Temperature Salinity	? ?		2 2	Kugmallit Bay	Chl.A,SPM	Albright (1986)
85-0017A	Freshwater Institute	Mar.24-27	Temperature Salinity	? ?		2 2	Tuktoyaktuk Cont. Shelf		Hopky, Chiperzak & Lawrence (1986)
85-0017B	Freshwater Institute	May 17-19	Temperature Salinity	? ?		2 2	Tuktoyaktuk Cont. Shelf, Mackenzie Bay		Hopky, Chiperzak & Lawrence (1986)
85-0017C	Freshwater Institute	Jul.18-Sept.12	Temperature Salinity	? ?		2 2	Cont. Shelf, Mackenzie Bay,	Plankton,Chl.A, secchi depth	Hopky, Chiperzak & Lawrence (1986)
85-0019	Archipelago Mar. Res., for Dept.Fish.& Oceans	Jul.12-16	Temperature Salinity	? ?		2 2	Liverpool Bay	Fish,plankton, benthos	Arch. Mar. Res. (1985)
85-0029	Arc. Lab. Ltd. for Esso Res. Ltd.	Aug.26-Oct.14	Current	Neil Brown ACM-2 Inter Ocean S4 Aanderaa RCM-4	± ?, ? cm/s ±.2,2%cm/s;±.5,2° ●	3	Tuktoyaktuk Cont. Shelf (Nipterk,Arnak, Tagiu drill sites)		Arctic Labs Ltd. (1985a,b,c)
			Temperature Salinity	Aanderaa RCM-4S	[± ?, .15 C°] [± .07, ? °/..]	3 3			
		May 9-Oct.14	Water level	See Data 635-11 Aanderaa WLR5	±1,10 cm ● [±.3,3.0 cm]	3 0			
			Wave	See Data 635-11	± ?, ? cm	3			

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
85-0030	Dobrocky Seatech Ltd. for Geol. Survey of Canada	Aug.24–Sept.16	Current Wave	Aanderaa, Sea Data 621,635 Sea Data 621,635	[± 1 cm/s, ± 5°] ± ?, ? ± ?, ?	2 1	King Point	Sediment, weather	Gillie (1985)
85-0031	LGL Ltd. &, Arctic Sciences Ltd. for DIAND	Sept.4–18	Temperature Salinity	Applied Microsystems CTD-12	±.02,.5C° ±.03,.1°/..	3 3	West Mackenzie Bay	Whale obs., plankton, secchi depth, Chl.A	Richardson (1986) Fissel et al. (1986)
85-0032	Institute of Ocean Sciences (Ocean Physics Division	Mar.'85–Apr.'86 Mar.'85	Current Water level Temperature Salinity	Aanderaa RCM-4 Aanderaa TG's, AML TG 12 A's Guildline CTD	[± 1 cm/s, ± 5°] [±.3, 3 cm] [±.001,.005C°] [±.001,.01°/..]	3 3 3 3	Beaufort Sea	Anemometers, ice-drift buoys, nutrients, O_2, tritium, AVHRR digital imagery	Melling (pers. comm.)
85-0033	CANMAR	Aug.10–Oct.10	Temperature Salinity Current Wave	CTD-12 CTD-12 Neil Brown ACM2 Waverider	± ?, ? C° ± ?, ?°/.. ± ?, ? cm/s ± 1.5°/...5m @	3 3 3 3	Beaufort Sea	Weather, ice conditions, sea state	CANMAR archive tape, Steen (1986)
85-0036	Helicopter, Institute of Ocean Sciences	Apr.23–May 3	Temperature Salinity	Guildline? CTD	[±.001,.01C°] [±.001,.02°/..]	2 2	Off Banks Is.		Perkin (pers. comm.)
85-0037	Gulf Canada	Jul.–Sept.	Current Temperature Salinity	? Applied Microsystems CTD-12	± ?, ? cm/s [±.01,.1C°] [±.001,.02°/..]	2 2 2	Tuktoyaktuk Cont. Shelf		Gulf
86-0003	MV IVIK, Institute of Ocean Sciences	Sept.10–16	Temperature Salinity Current	Guildline 8706 & AML CTD's Aanderaa	[±.001,.01C°] [±.001,.02°/..] ± ?, ? cm/s	3 3 3	Beaufort Sea	Nutrients, radium, tritium, particulates, productivity, sediment, hydrocarbon, acoustic profiling	Macdonald (pers. comm.)
86-0004	LGL Ltd. & Arctic Sciences Ltd. for DIAND	Aug.28–Sept.8	Temperature Salinity	Applied Microsystems CTD-12	±.02,.05C° ±.03,.1°/..	3 3	Beaufort Sea	Transmissivity, SST from satellite imagery, whale study, plankton	Fissel, Bradstreet & Moen (1987)
86-0005	MacLaren Plansearch Ltd. for Esso Res. Ltd.	Summer	Current	?		2	Beaufort Sea		Spedding (pers. comm.)
86-0006	MV JP TULLY, Arc. Lab. Ltd. & Env. Prot. Serv.	Aug.24–28	?	?		2	Cont. Slope		Arctic Laboratories

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or Collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
86-0007	MV SARPIK, Arc. Lab. Ltd., LGL Ltd,& Env.Pro.Ser.	Aug.19-22	?	?		2	Kugmallit Bay		Arctic Laboratories
86-0008	MV ANNIKA MARIE, LGL Ltd. Bowhead Whale Study	Sept.4-11	Temperature Salinity	Applied Micro-systems CTD-12	±.02,.2C° ±.03,.04°/..	3 3	East Alaska	Whale obs, secchi depth, plankton,Chl.A	Birch (pers. comm.)
86-0009	Seaconsult Marine Research Ltd.,ESRF Study	Aug.17-Sept.24	Currents Water levels	Sea Data 635-12 Sea Data 635-11, 635-12	± ?, ? cm/s ±1,10 cm @	2 2	Mackenzie Bay	Sediment pore pressure	Hodgins et al. (in print)
			Waves	Sea Data 635-9, 635-11,635-12 & 650B-7	±1,10 cm @	2			
86-0010	Institute of Ocean Sciences; Ice Motion Prog.	March Apr.86-Aug.87	Temperature Salinity Current Temperature Salinity	Guildline CTD Aanderaa Aanderaa Aanderaa	[.001,.005°C] [.001,.010°/..psu] ± 1 cm/s, ± 5° [± ?, .15 C°] [± .07, ?°/..]	3 3 2 2 2	Beaufort Cont. Shelf & Slope	Nutrients,O_2, O^{18}	Melling (pers. comm.)
86-0011	Institute of Ocean Sciences	Apr.-Aug.?	Current Temperature Salinity	Aanderaa Aanderaa Aanderaa	[± 1 cm/s, ±5°] ± ?, ? C° ± ?, ? °/..	2 2 2	Amundsen Gulf	Ambient noise using WOTAN	Farmer (pers. comm.)
86-0013	CANMAR	Summer?	?			2	Tuktoyaktuk Cont. Shelf		CANMAR
86-0014	Arc. Lab. Ltd. for Gulf Canada	Aug.8-Sept.14	Wave	Waverider	±1.5%,.5 m @	3	Beaufort Shelf (Amauligak?)		Gulf; de Lange Boom & Hill (1986)

9. MAPS

This section contains maps showing the yearly distribution of temperature, salinity, current, water-level, wave, and surface-drift measurements. One overall map and up to four additional sub-maps are used (Figure 12). All are Lambert Conformal Conic projection with maps 1 through 5 having scales 1:4.68, 2.7, 1.78, 1.78 and 2.67 million, respectively.

Generally, temperature-salinity and any water-level stations are plotted together. If there were also current-meter data, then the first map will have only temperature-salinity, and the current and water-level data will be displayed on a second map. Wave data have usually been plotted with current and/or water-level data. The overall map generally contains all the stations; the sub-maps provide more details and several may be used to display station positions in one area.

For some data sets, exact locations are not known. A "?" on the first map is used to indicate the general area, if known.

The legend indicates the following data types:

CM - current-meter data
DRF - drifter data
TS - temperature-salinity data
WAVE - wave data
WL - water-level data

Under each category are listed the data sets and station symbols used in the plot. The identifier number is followed by the vessel/agency and the total number of stations located within the map boundaries, in brackets. Since some stations in a particular data set may be at the same location, the number in brackets may exceed the number of symbols on the plot.

The TS data are primarily profile data, however some moored instruments had temperature and/or conductivity sensors. In these cases, under TS in the legend, the data-set identifier is followed not by the vessel or agency, but by the word "mooring".

The coastlines have been smoothed and small islands removed. A minimum consecutive displacement of 0.07 inch is required for a new station to be plotted. This was implemented to prevent the plotter from wearing through the paper in heavily sampled locations. Vessel/agencies in the legend are abbreviations. Note that cruise station symbols may be different on two different maps.

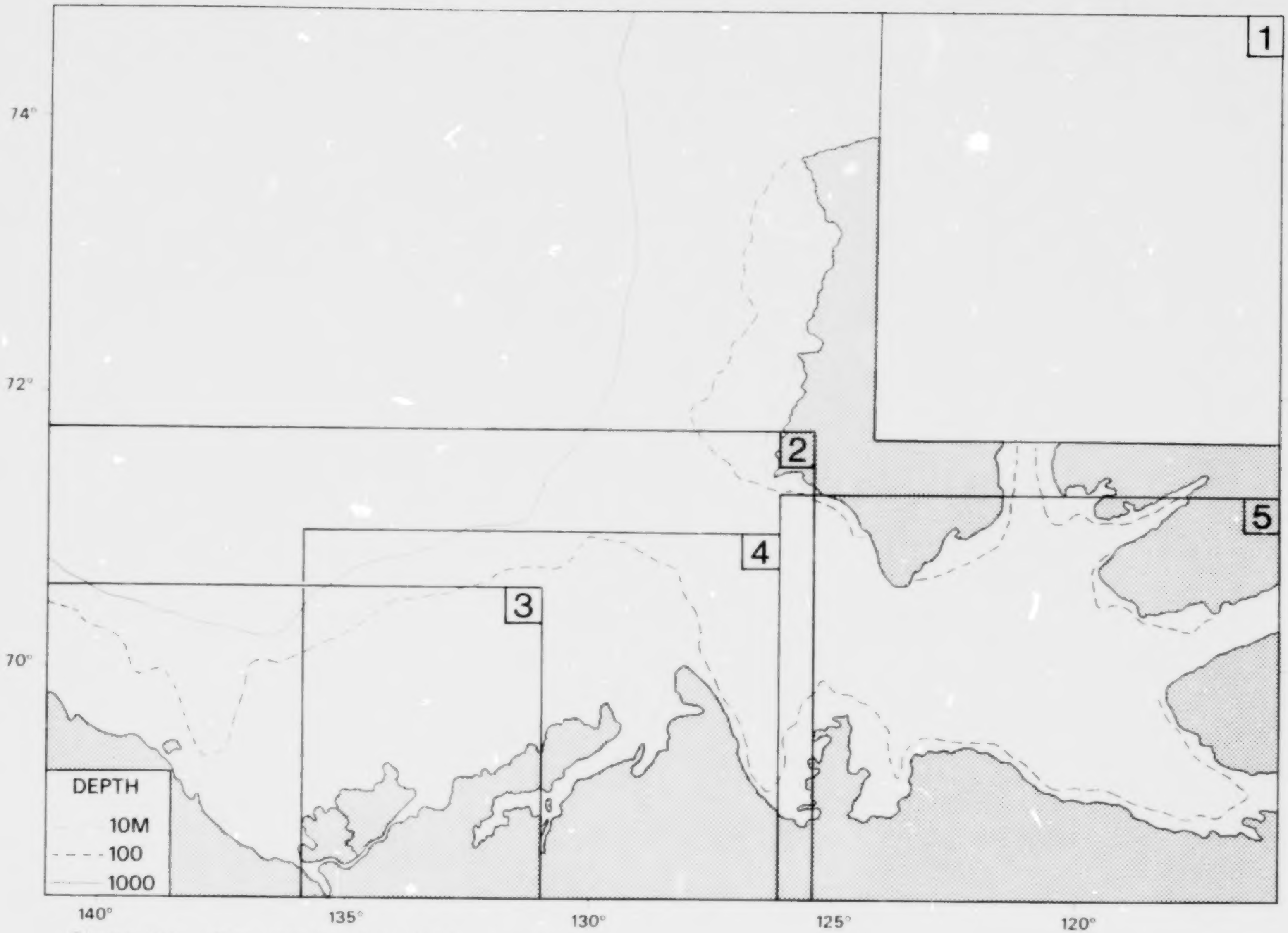
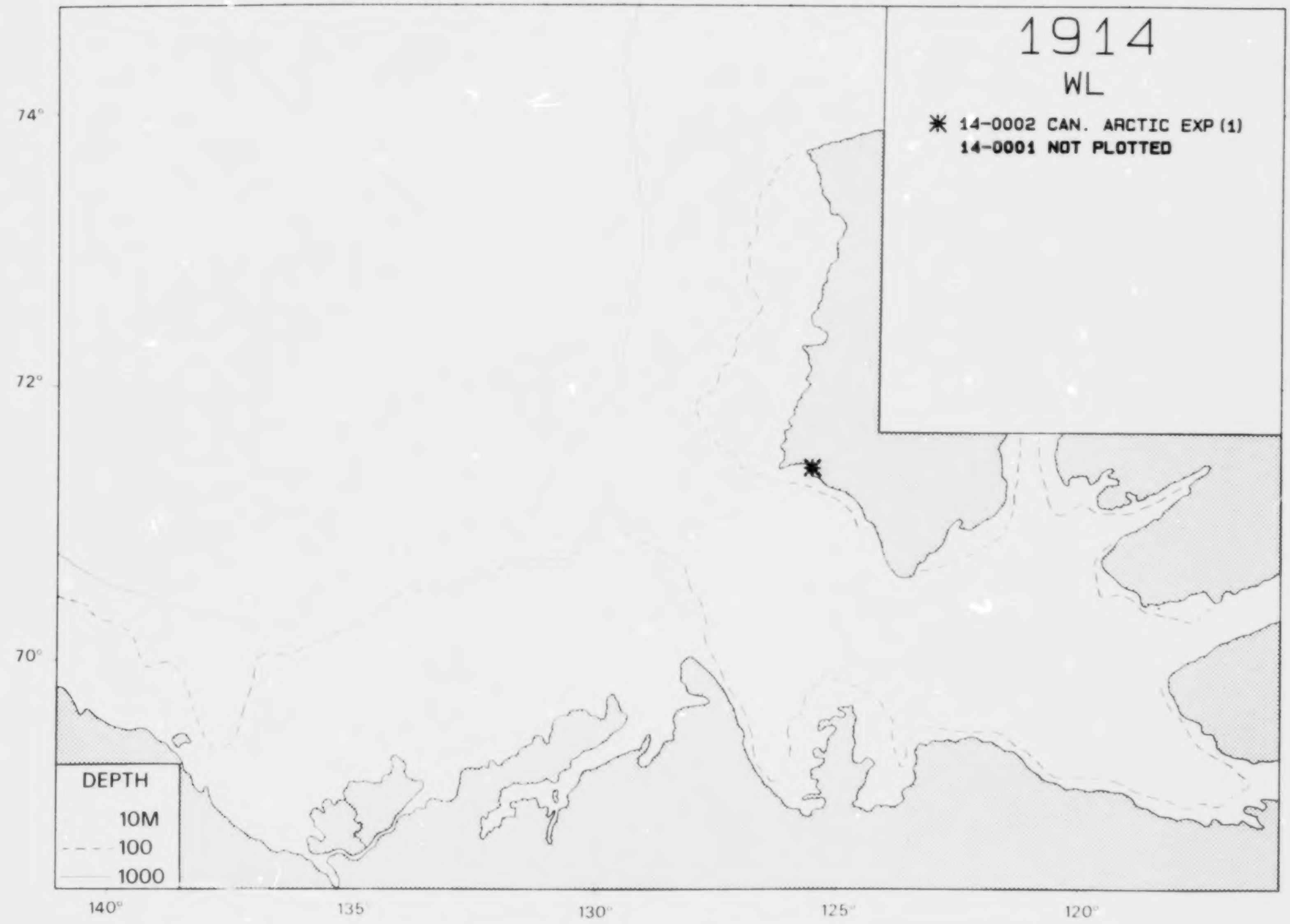
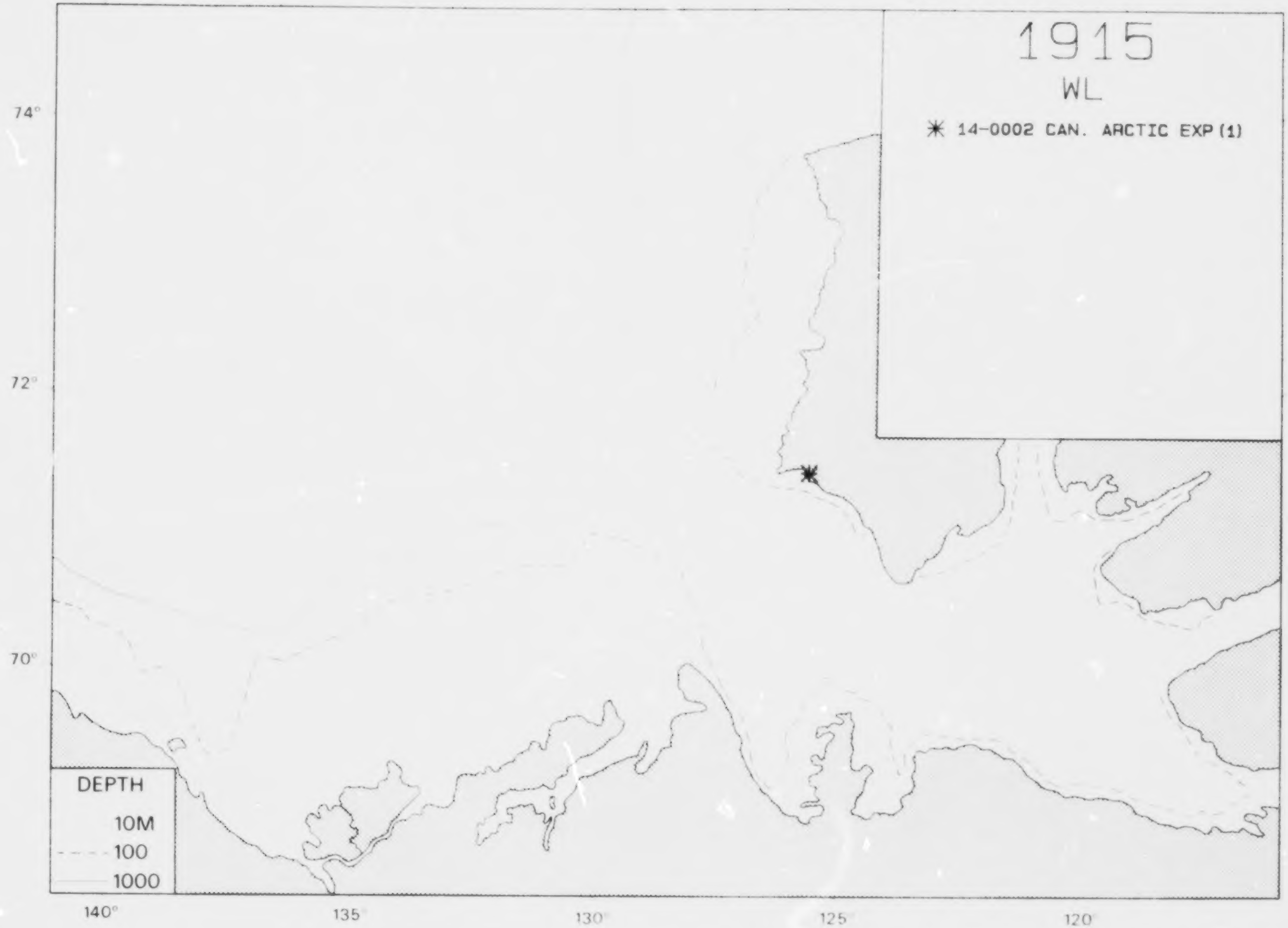
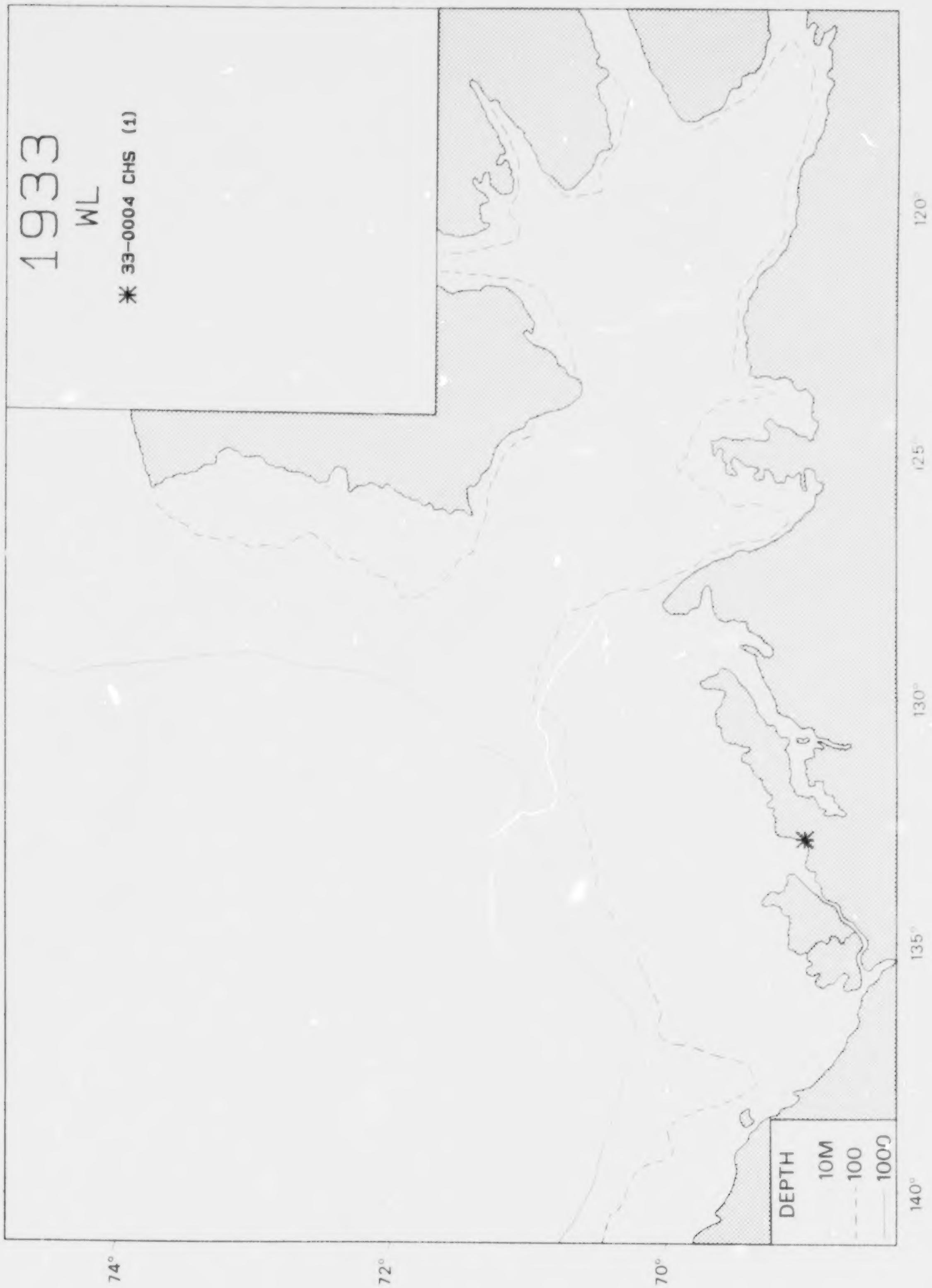
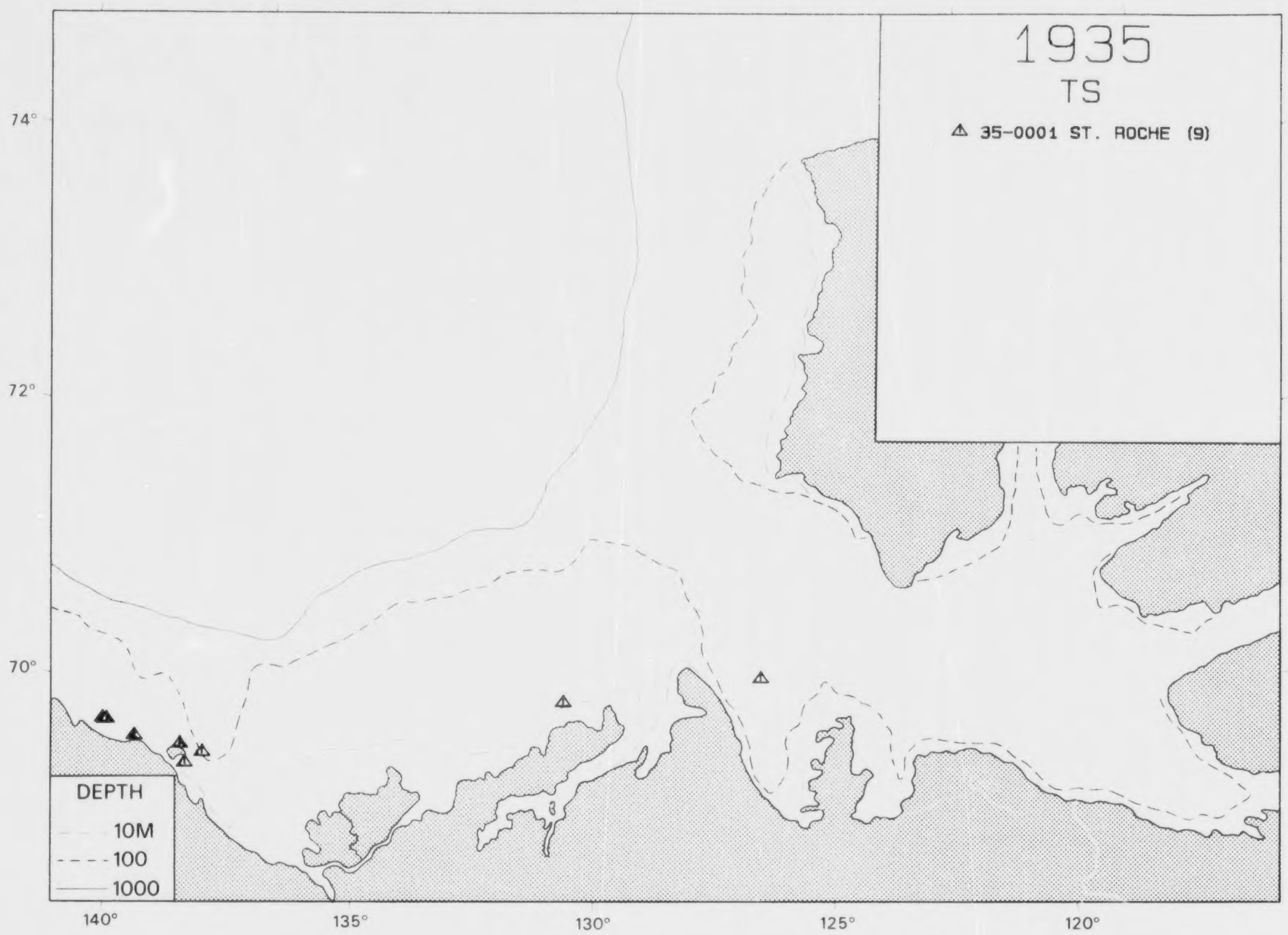

1
2
3
4
5
74°
72°
70°
140°
135°
130°
125°
120°
DEPTH
10M
100
1000

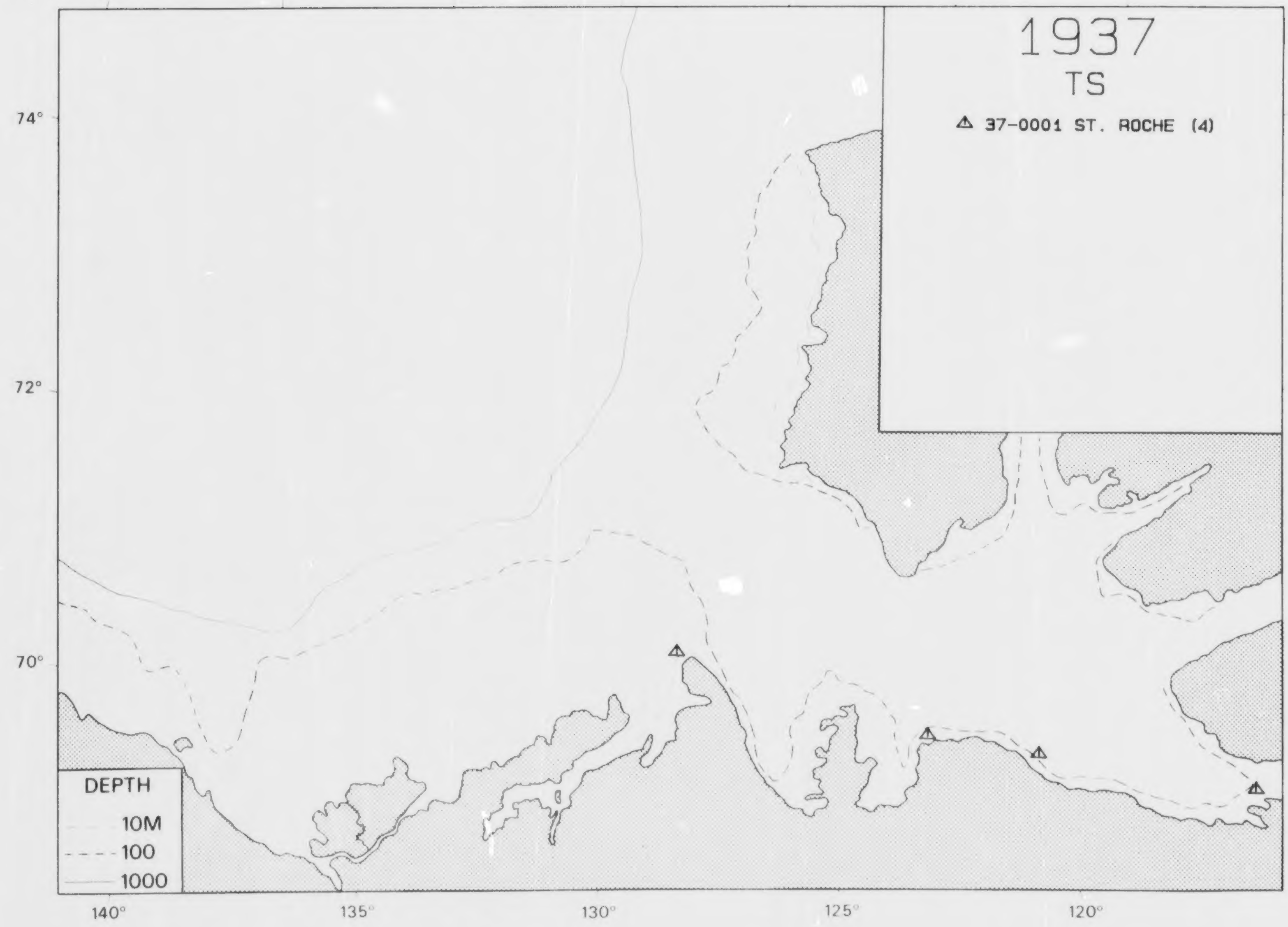
Figure 12. Maps used to plot station locations.

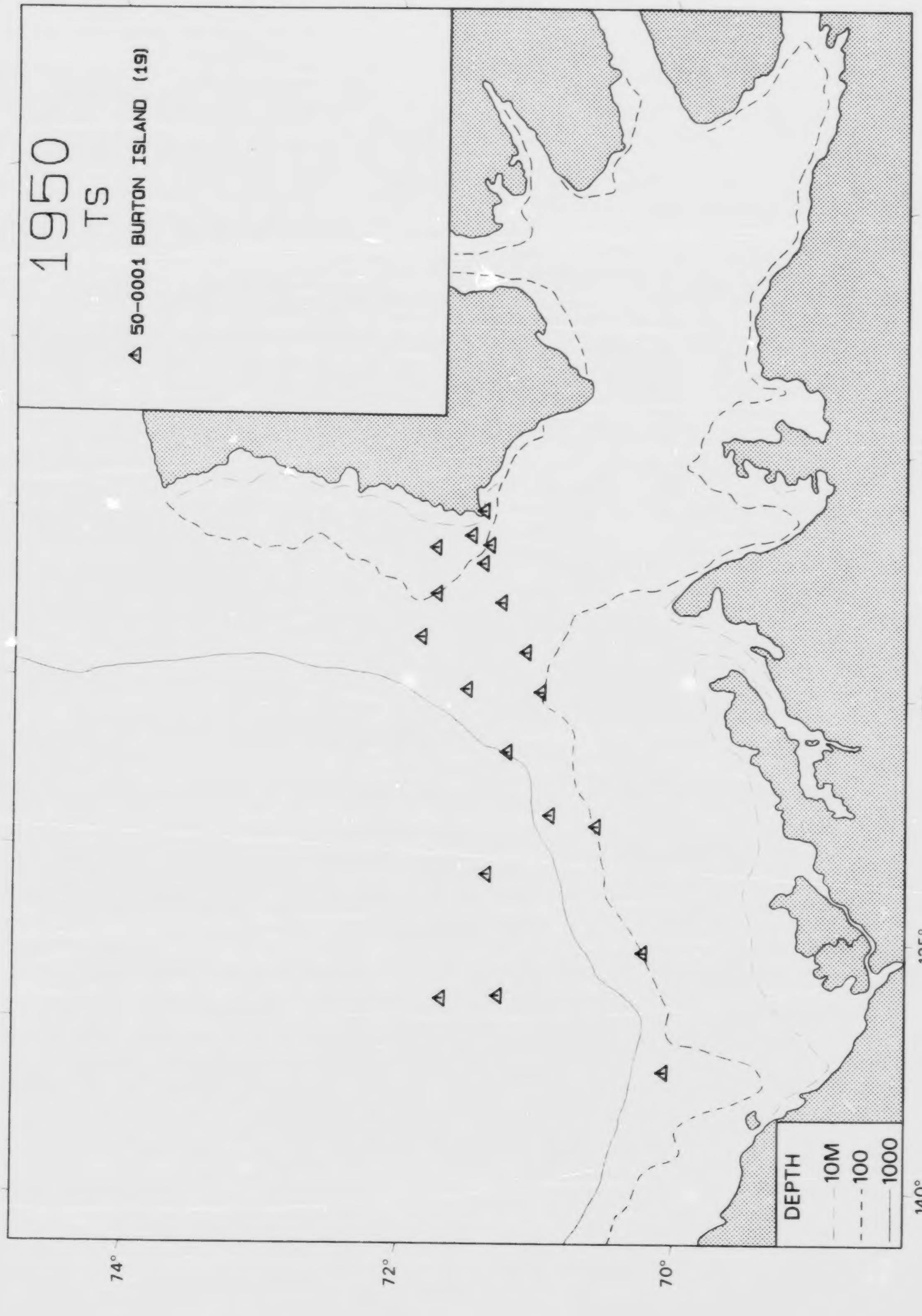

1914
WL
✱ 14-0002 CAN. ARCTIC EXP (1)
14-0001 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

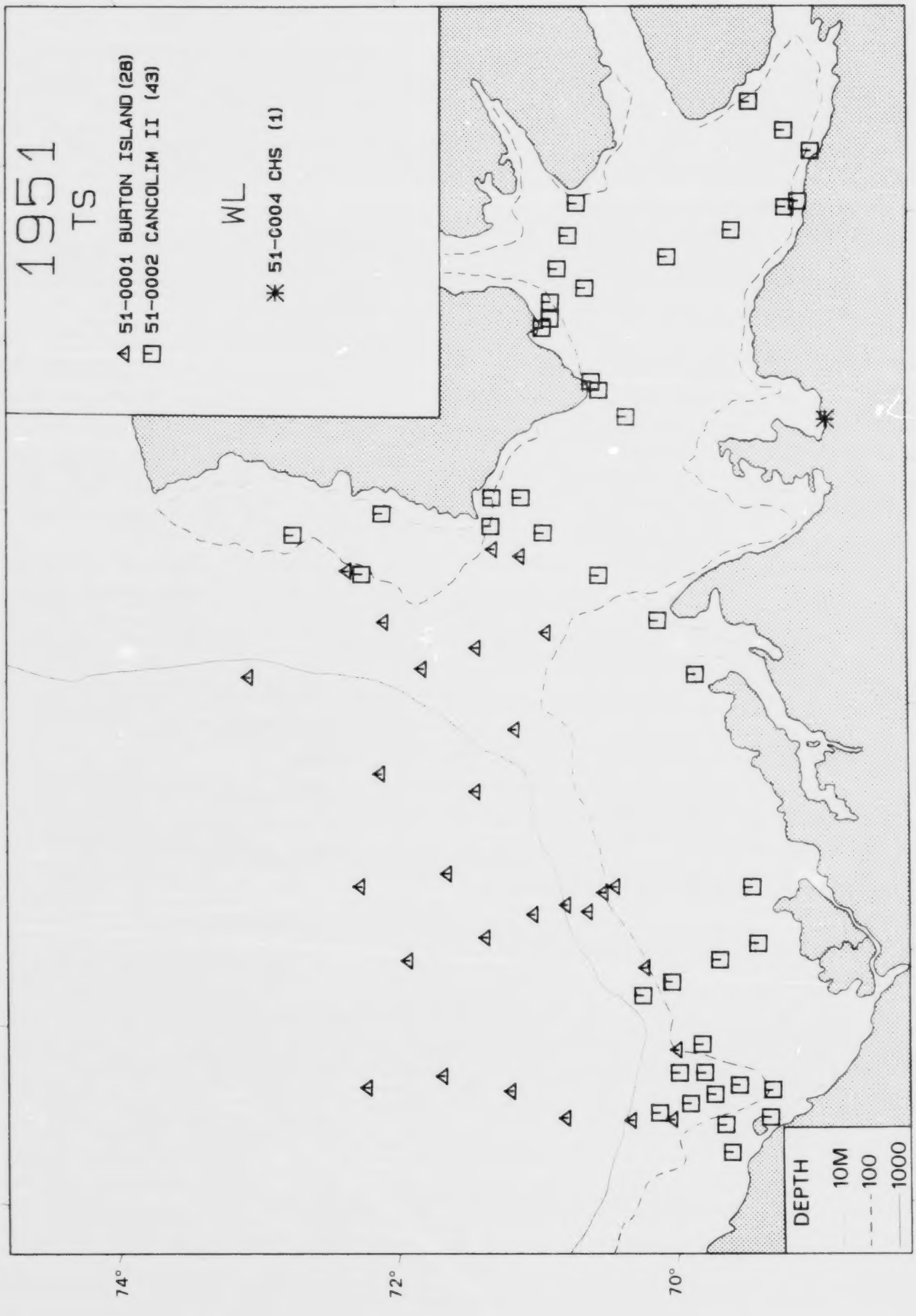

1915
WL
✳ 14-0002 CAN. ARCTIC EXP (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

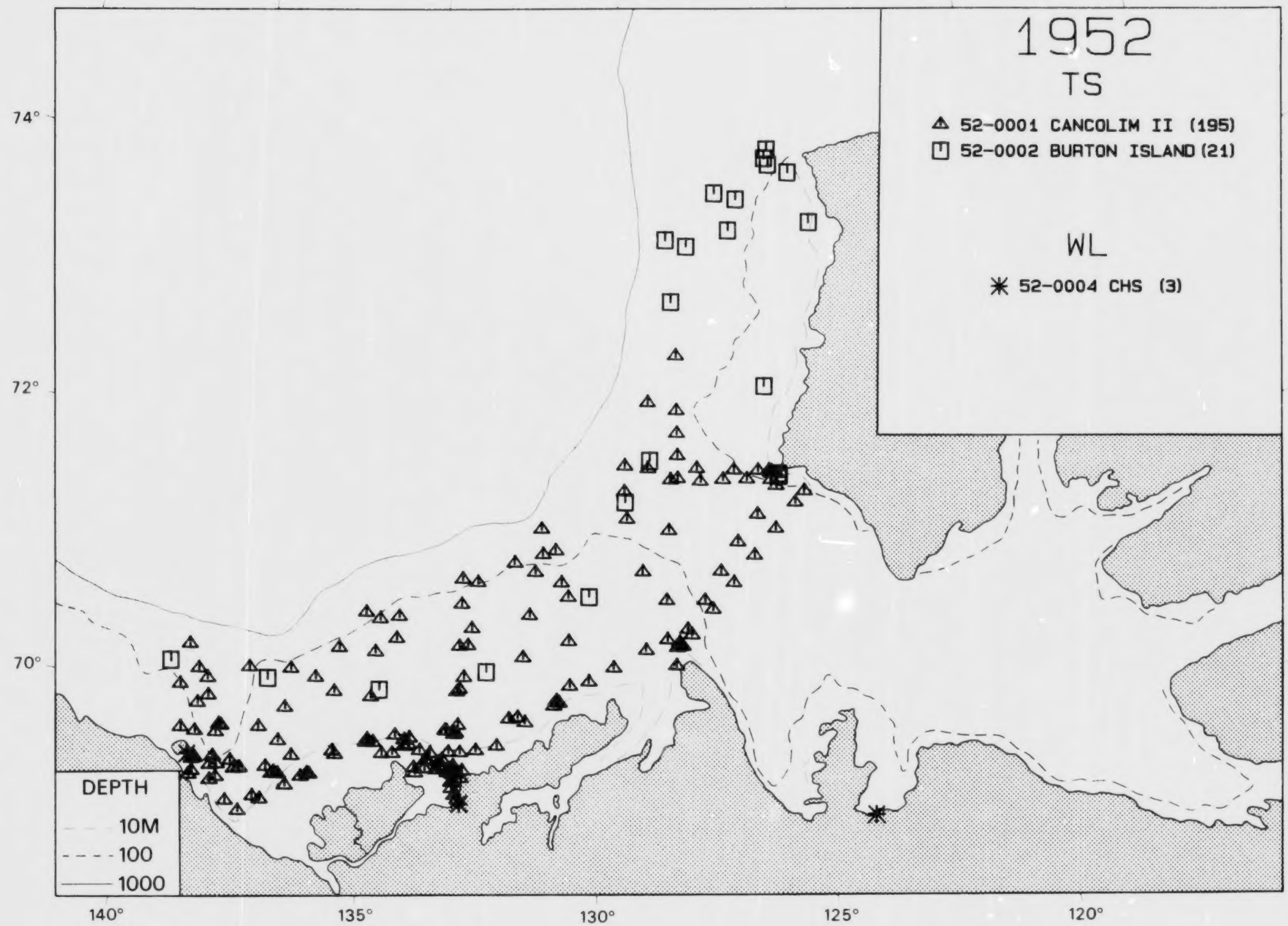

1933
WL
✱ 33-0004 CHS (1)
DEPTH
10M
100
1000
120°
125°
130°
135°
140°
74°
72°
70°

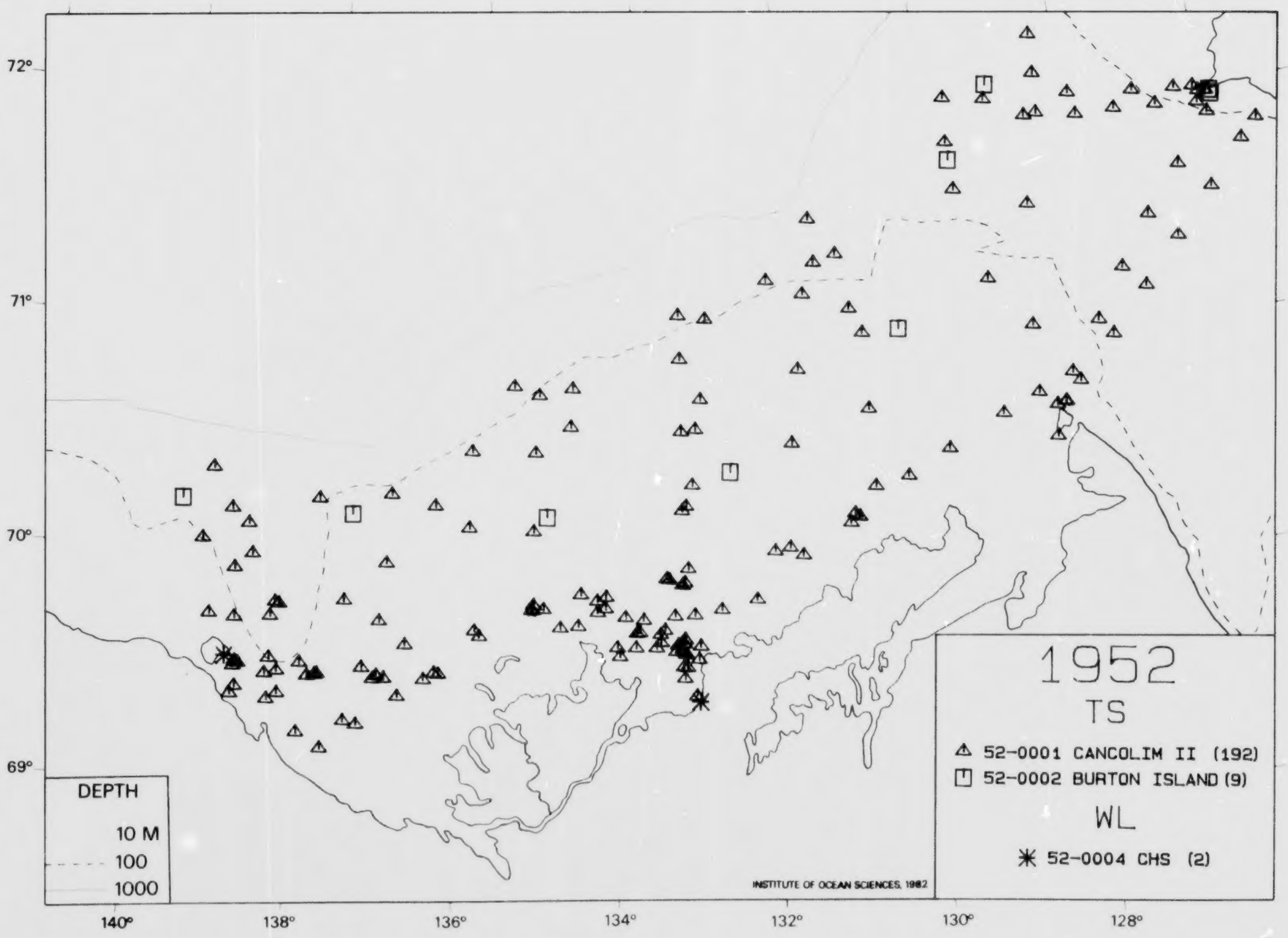

1935
TS
⚠ 35-0001 ST. ROCHE (9)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

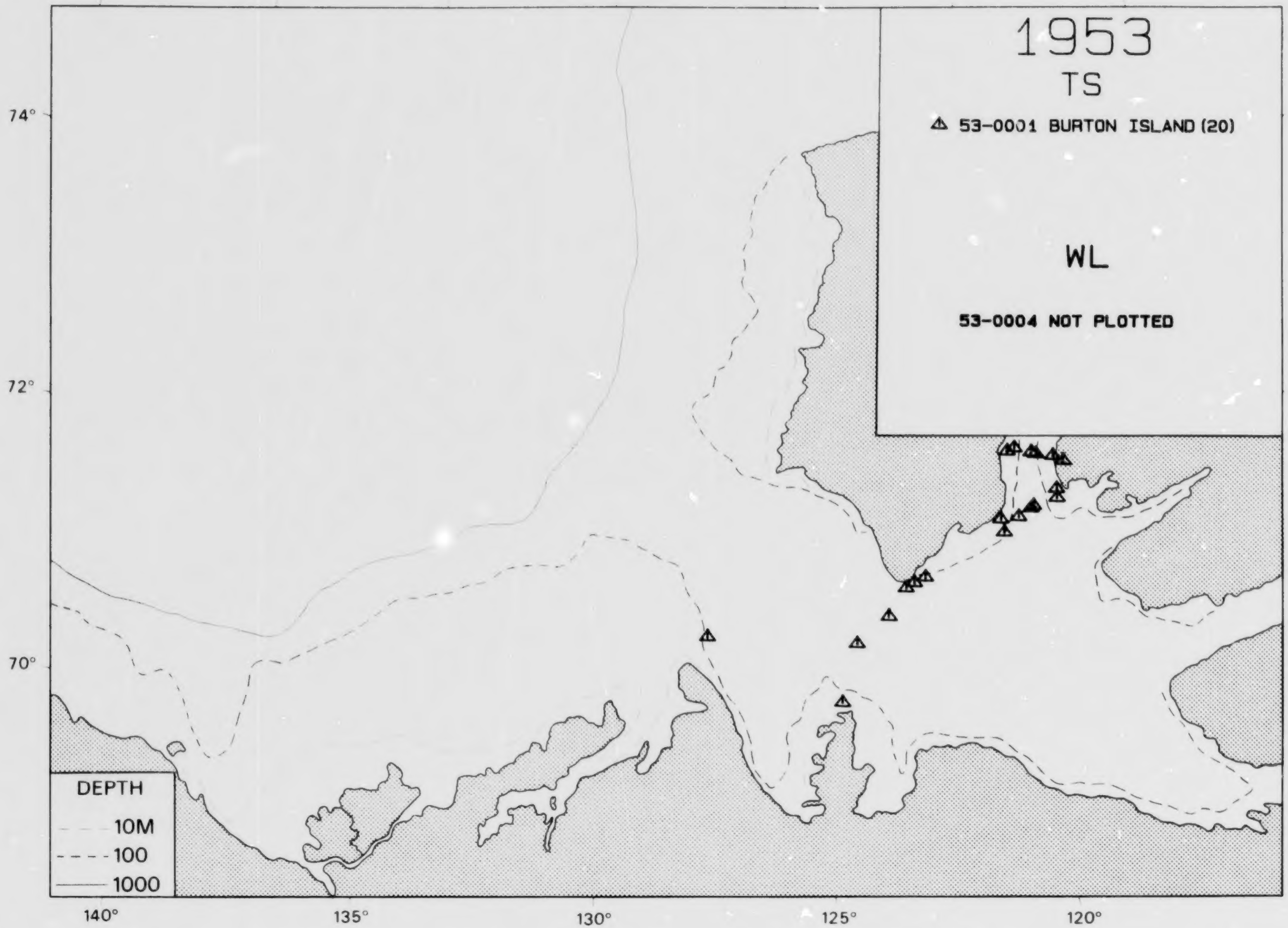

1937
TS
⚠ 37-0001 ST. ROCHE (4)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

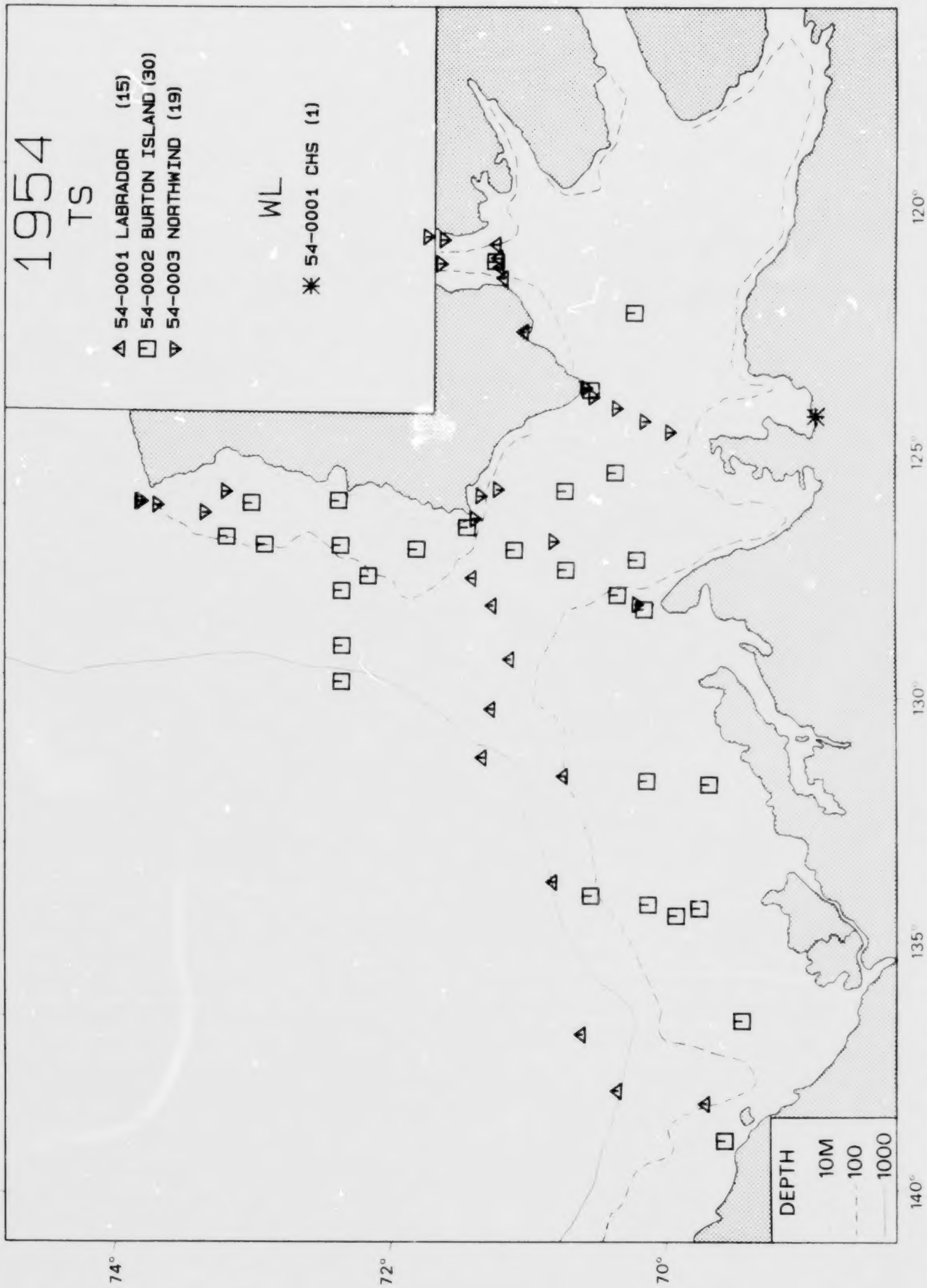

1950
TS
△ 50-0001 BURTON ISLAND (19)
DEPTH
10M
100
1000
120°
125°
130°
135°
140°
74°
72°
70°

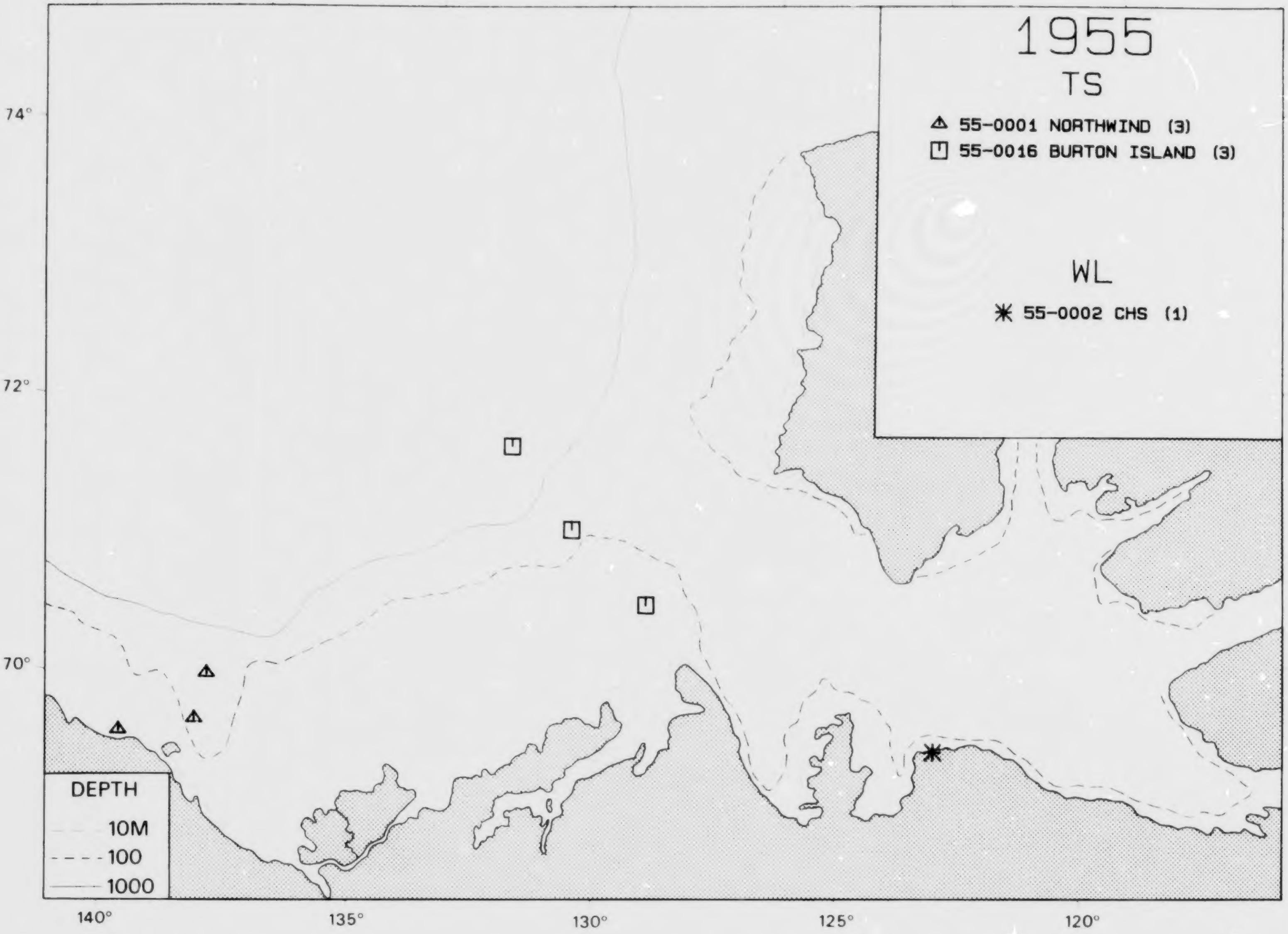

1951
TS
51-0001 BURTON ISLAND (28)
51-0002 CANCOLIM II (43)
WL
51-C004 CHS (1)
DEPTH
10M
100
1000
140°
135°
130°
125°
120°
74°
72°
70°

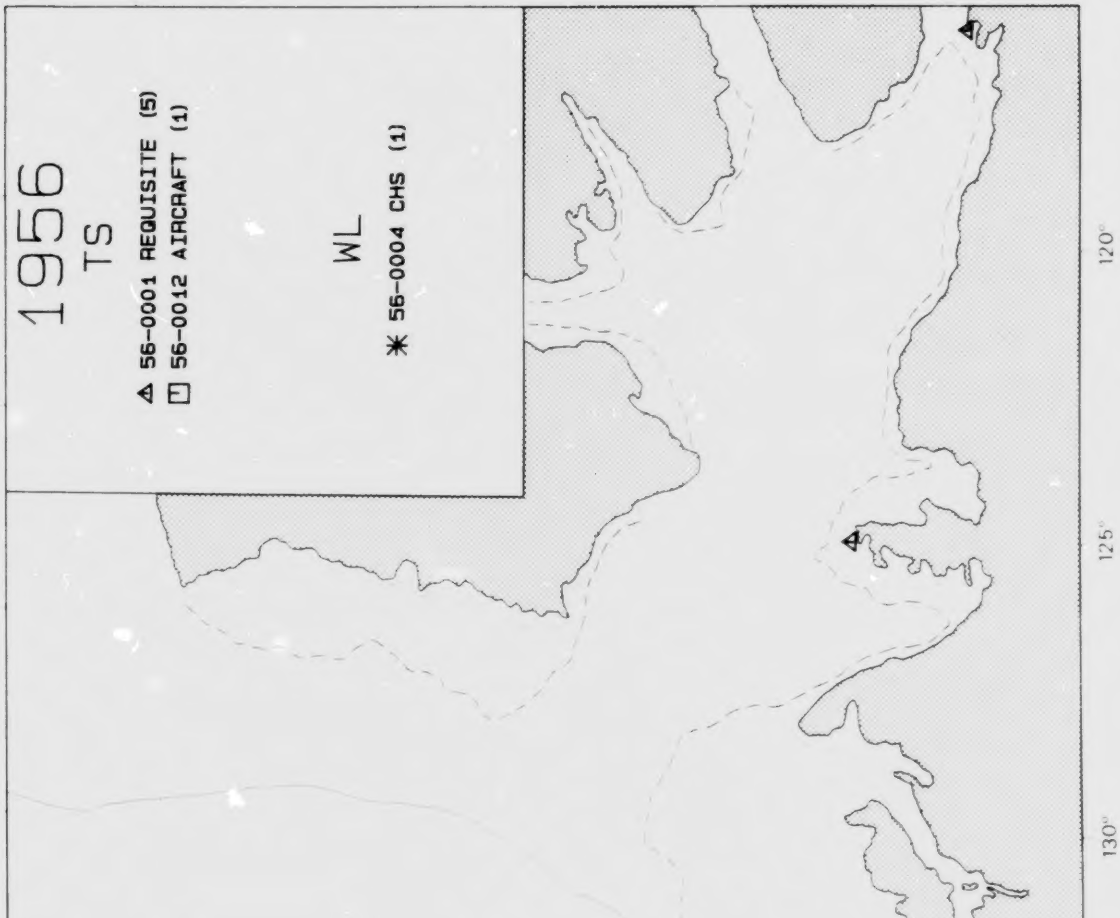

1952
TS
52-0001 CANCOLIM II (195)
52-0002 BURTON ISLAND (21)
WL
52-0004 CHS (3)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

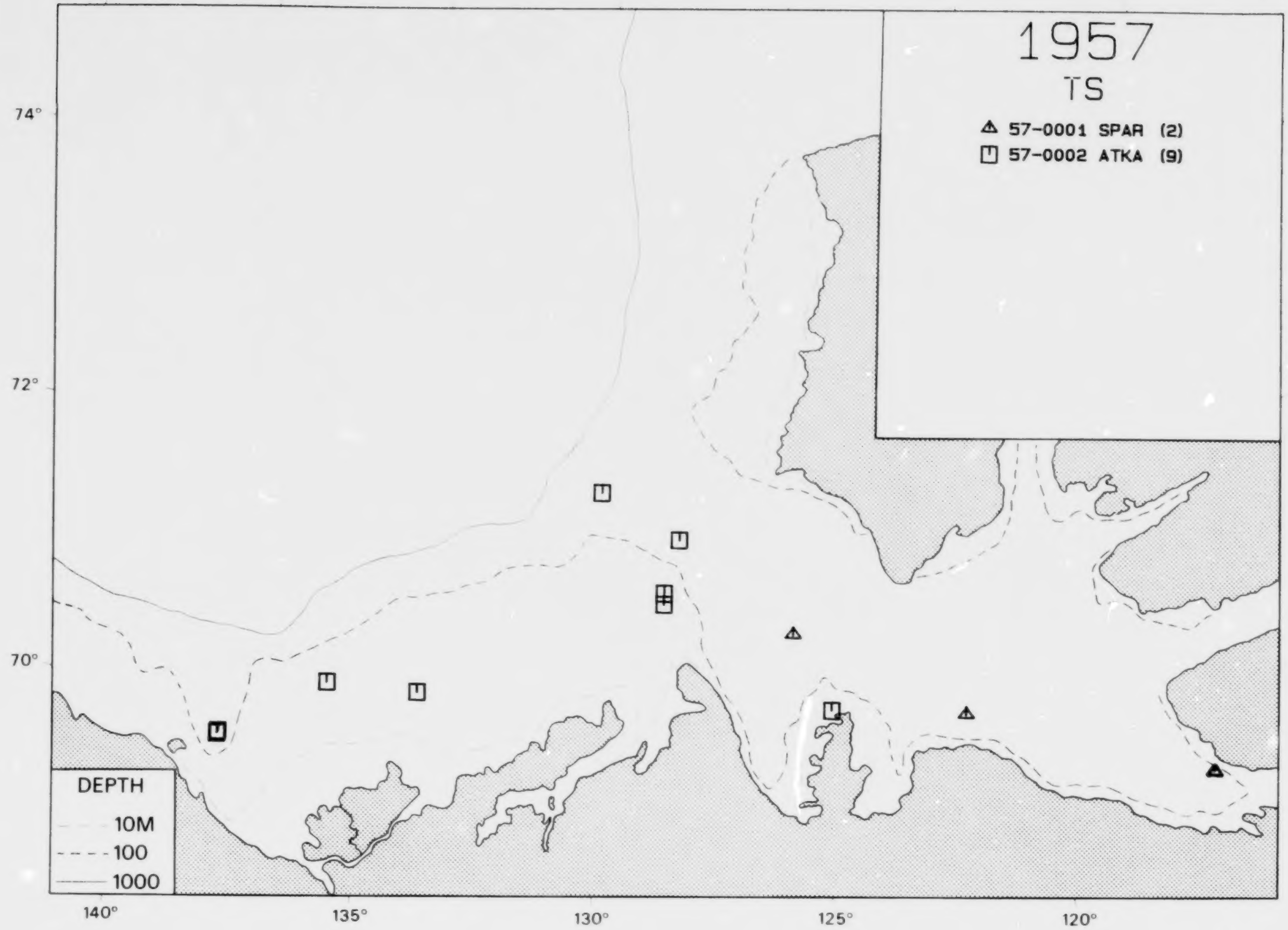

72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°
DEPTH
10 M
100
1000
1952
TS
52-0001 CANCOLIM II (192)
52-0002 BURTON ISLAND (9)
WL
52-0004 CHS (2)
INSTITUTE OF OCEAN SCIENCES, 1982

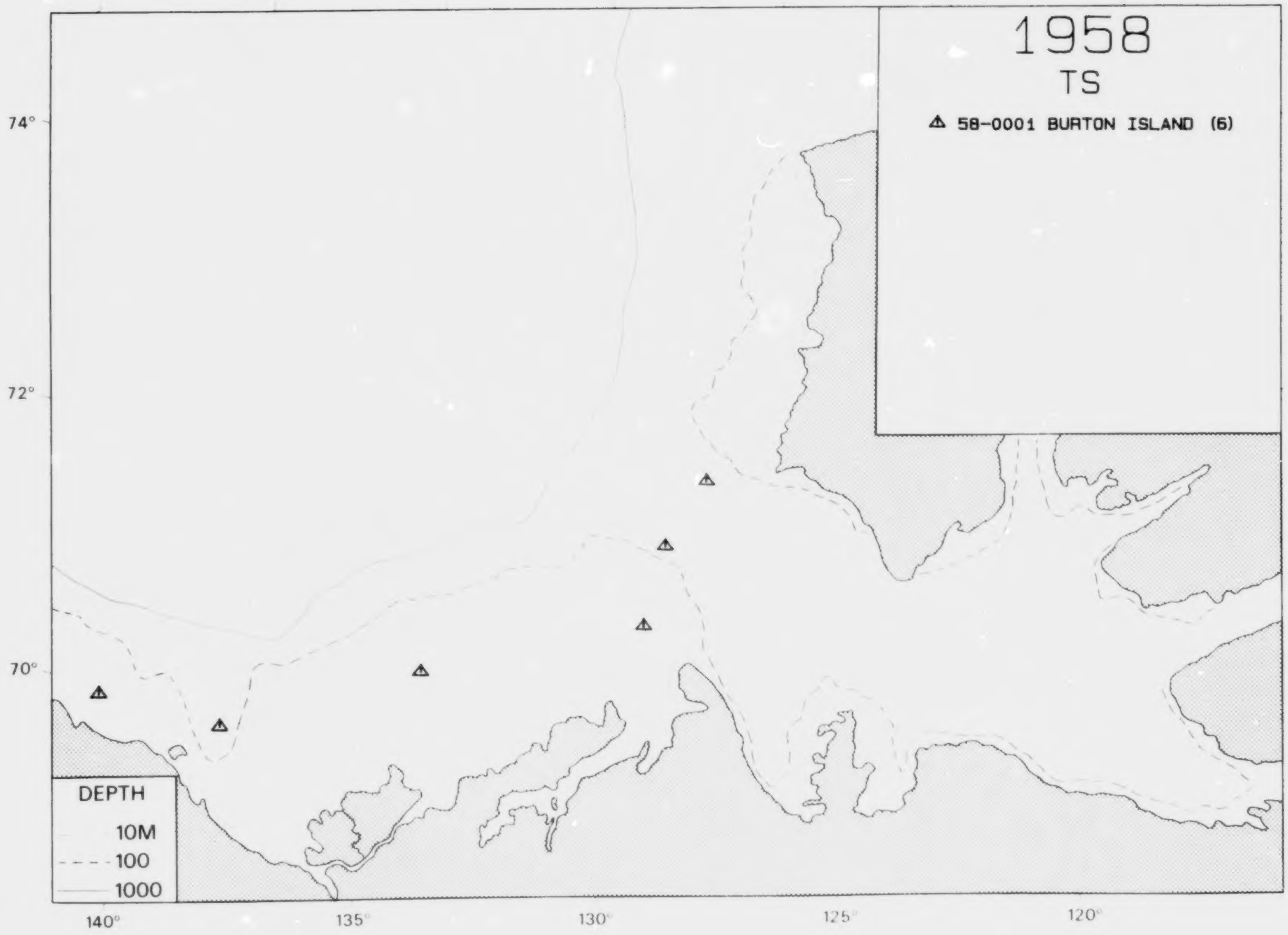

1953
TS
53-0001 BURTON ISLAND (20)
WL
53-0004 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

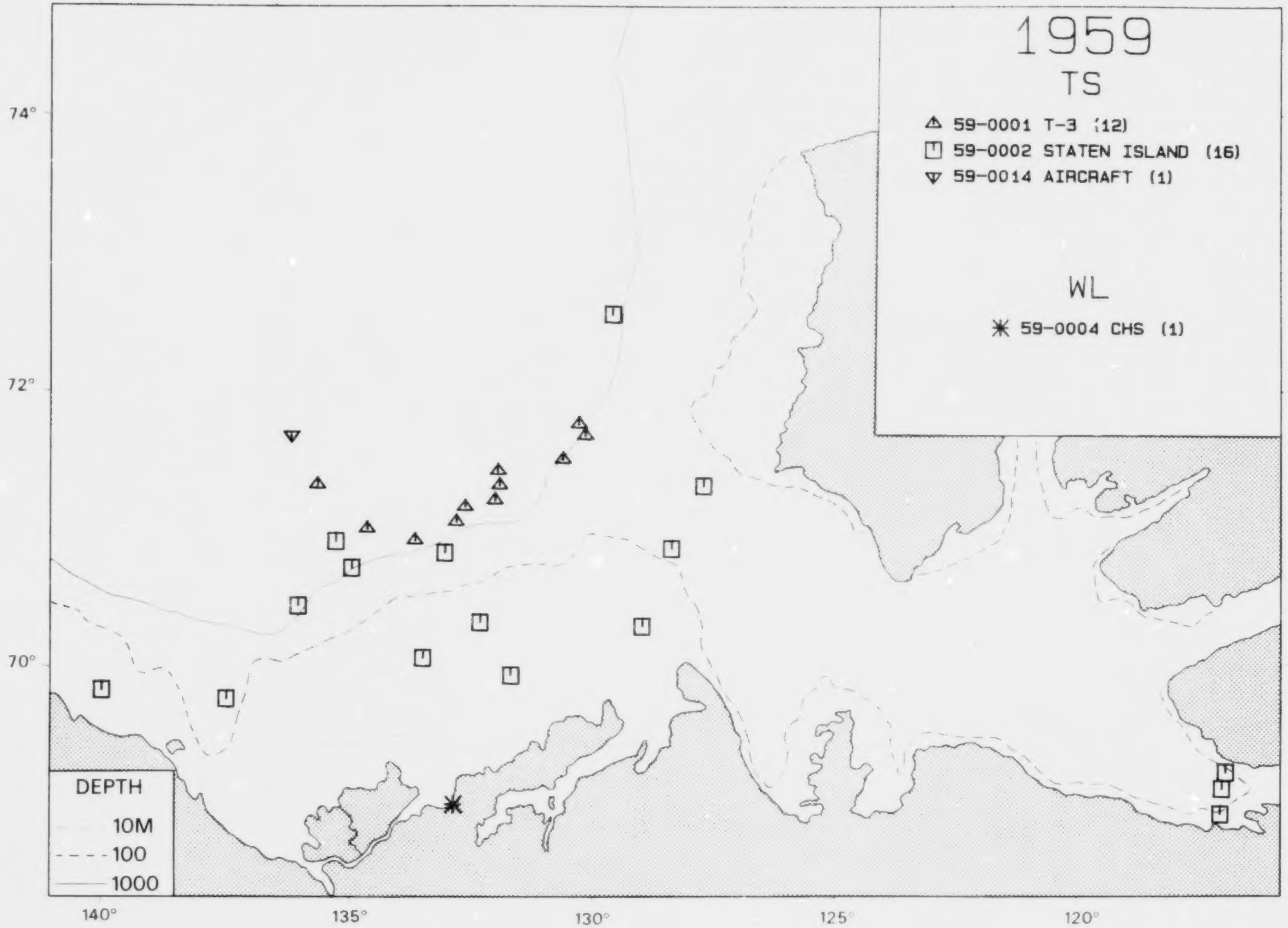

1954
TS
△ 54-0001 LABRADOR (15)
⊡ 54-0002 BURTON ISLAND (30)
▽ 54-0003 NORTHWIND (19)
WL
✳ 54-0001 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

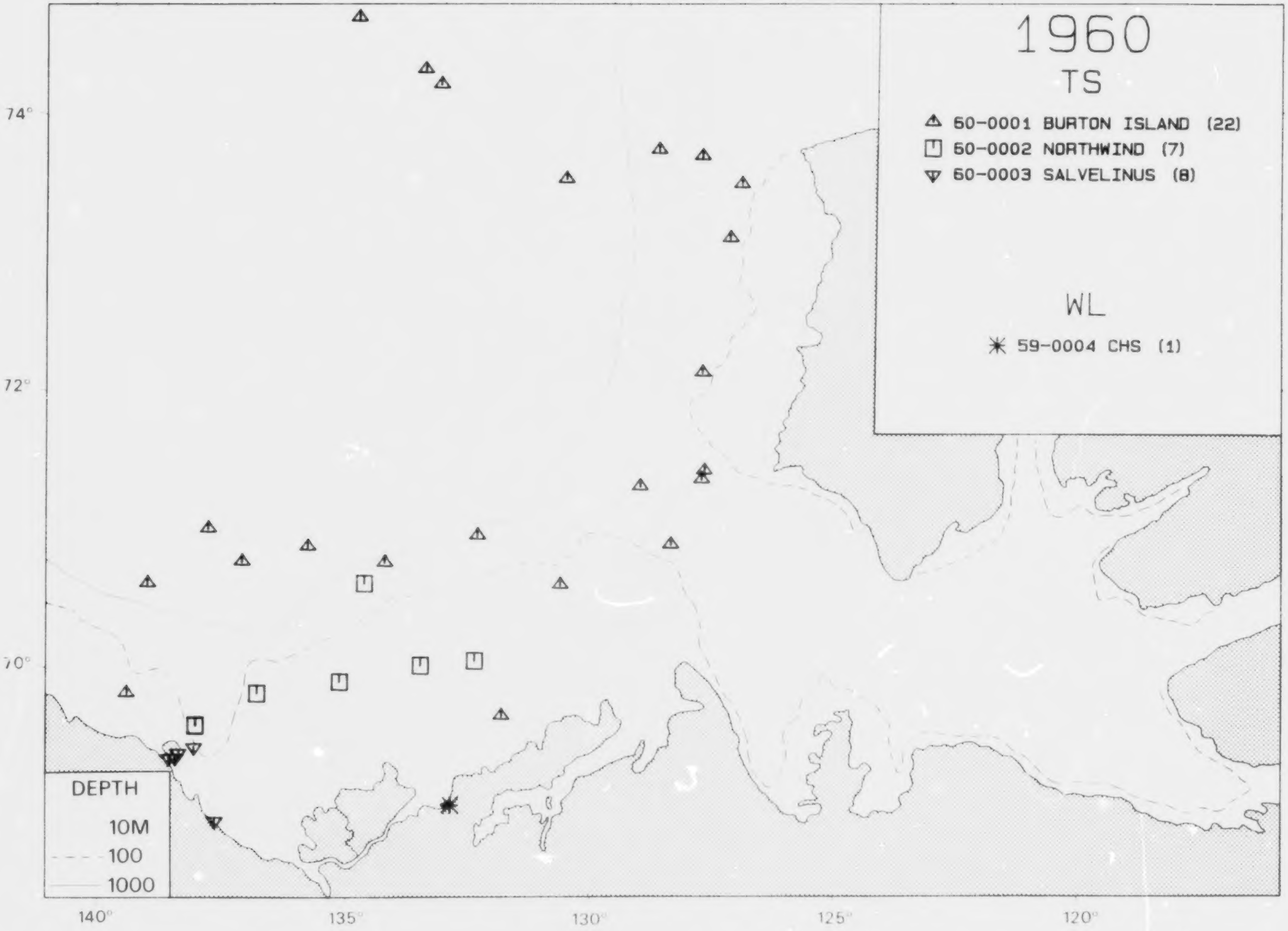

1955
TS
△ 55-0001 NORTHWIND (3)
☐ 55-0016 BURTON ISLAND (3)
WL
✳ 55-0002 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

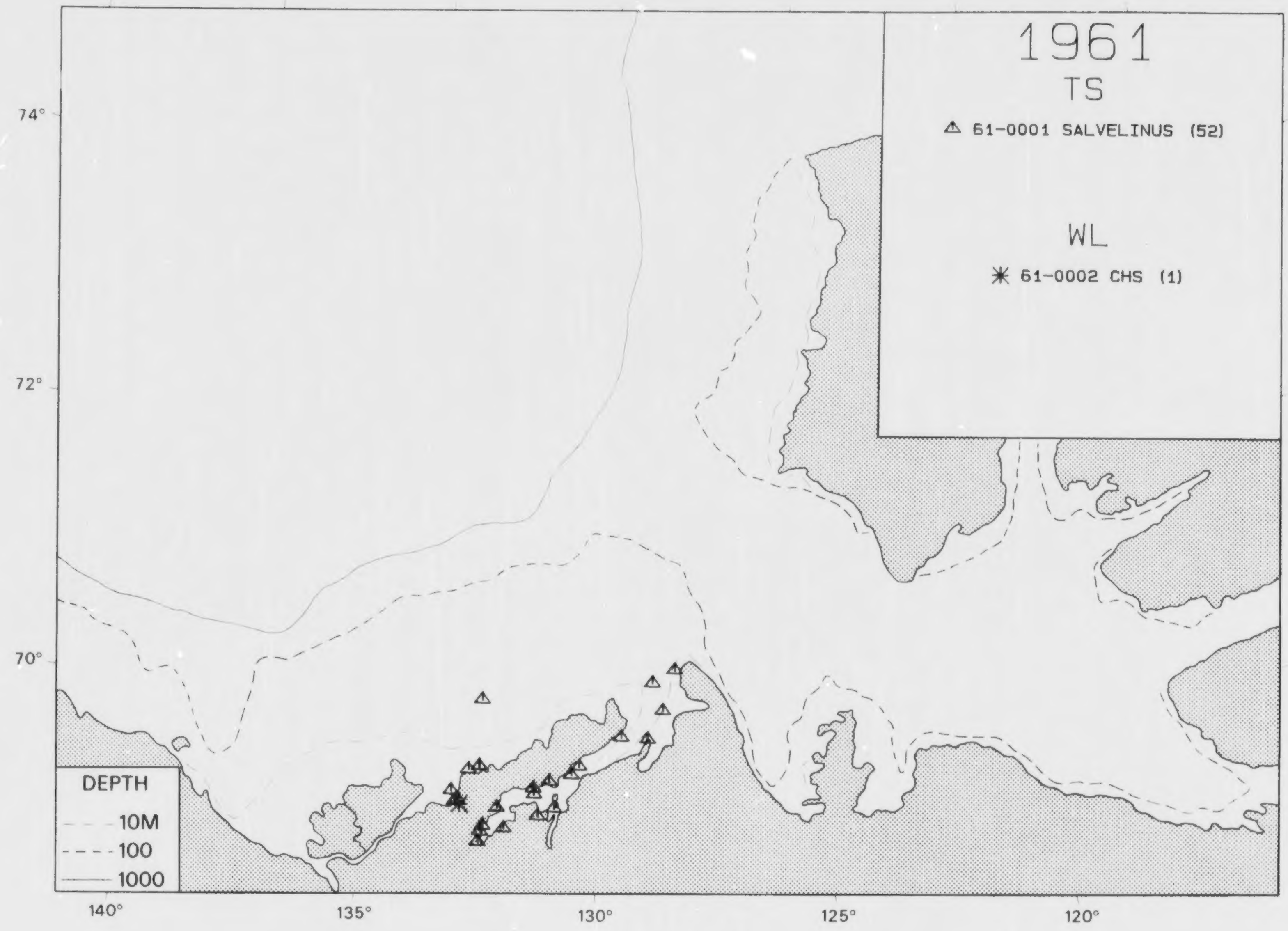

1956
TS
△ 56-0001 REQUISITE (5)
□ 56-0012 AIRCRAFT (1)
WL
✳ 56-0004 CHS (1)
DEPTH
10M
100
1000
120°
125°
130°
135°
140°
74°
72°
70°

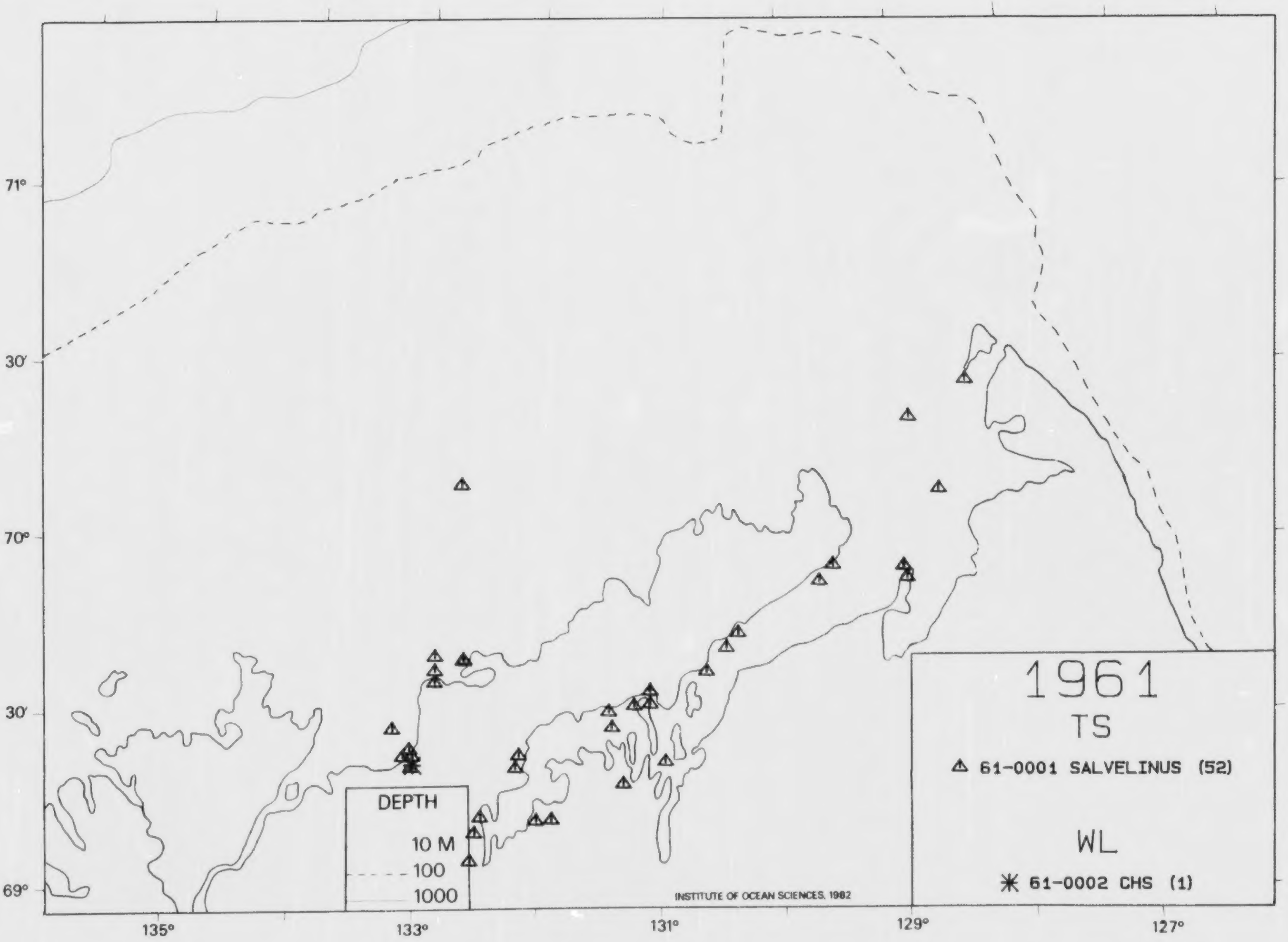

1957
TS
△ 57-0001 SPAR (2)
☐ 57-0002 ATKA (9)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

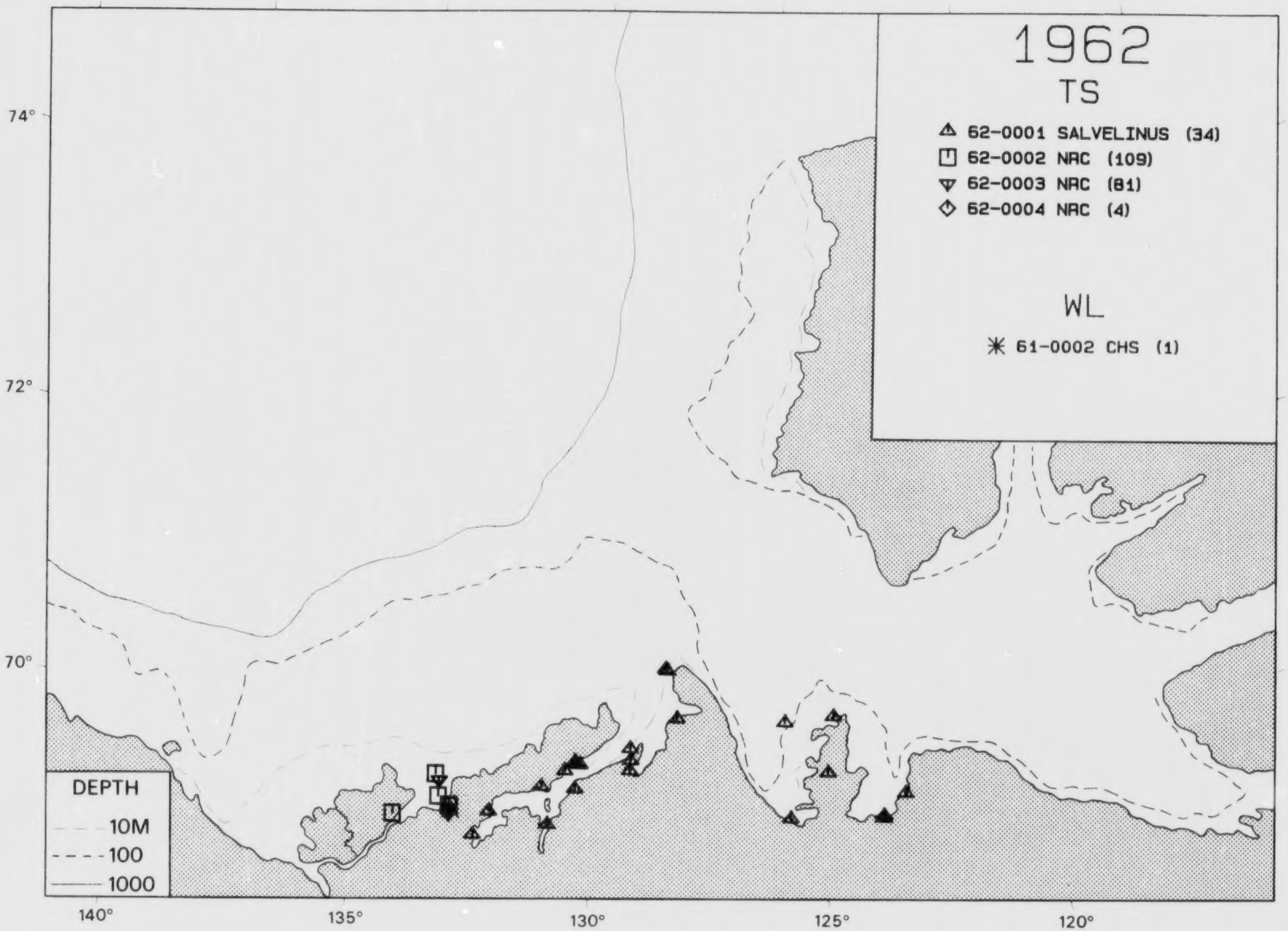

1958
TS
⚠ 58-0001 BURTON ISLAND (6)
74°
72°
70°
140°
135°
130°
125°
120°
DEPTH
10M
100
1000

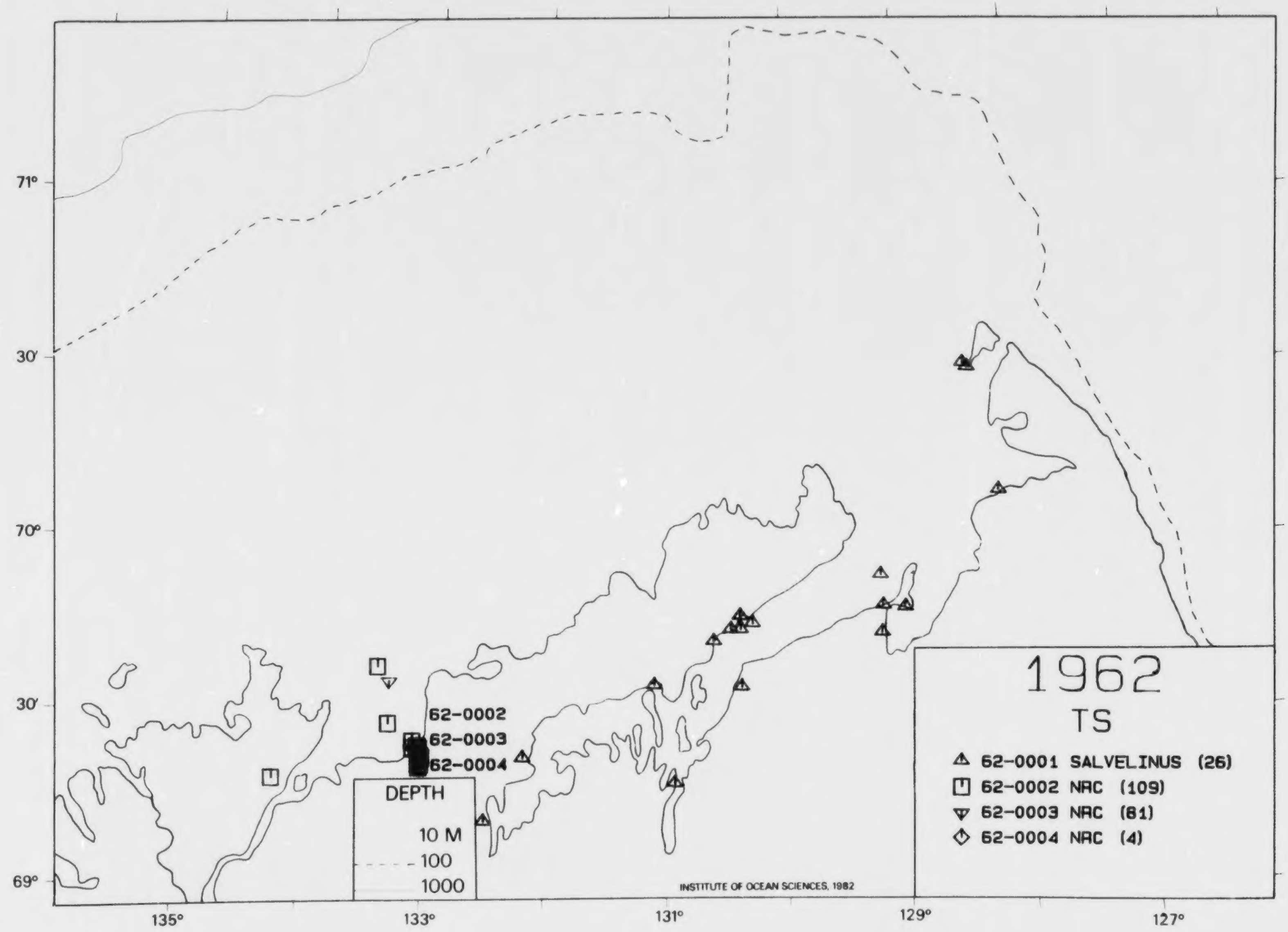

1959
TS
△ 59-0001 T-3 (12)
□ 59-0002 STATEN ISLAND (16)
▽ 59-0014 AIRCRAFT (1)
WL
✳ 59-0004 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

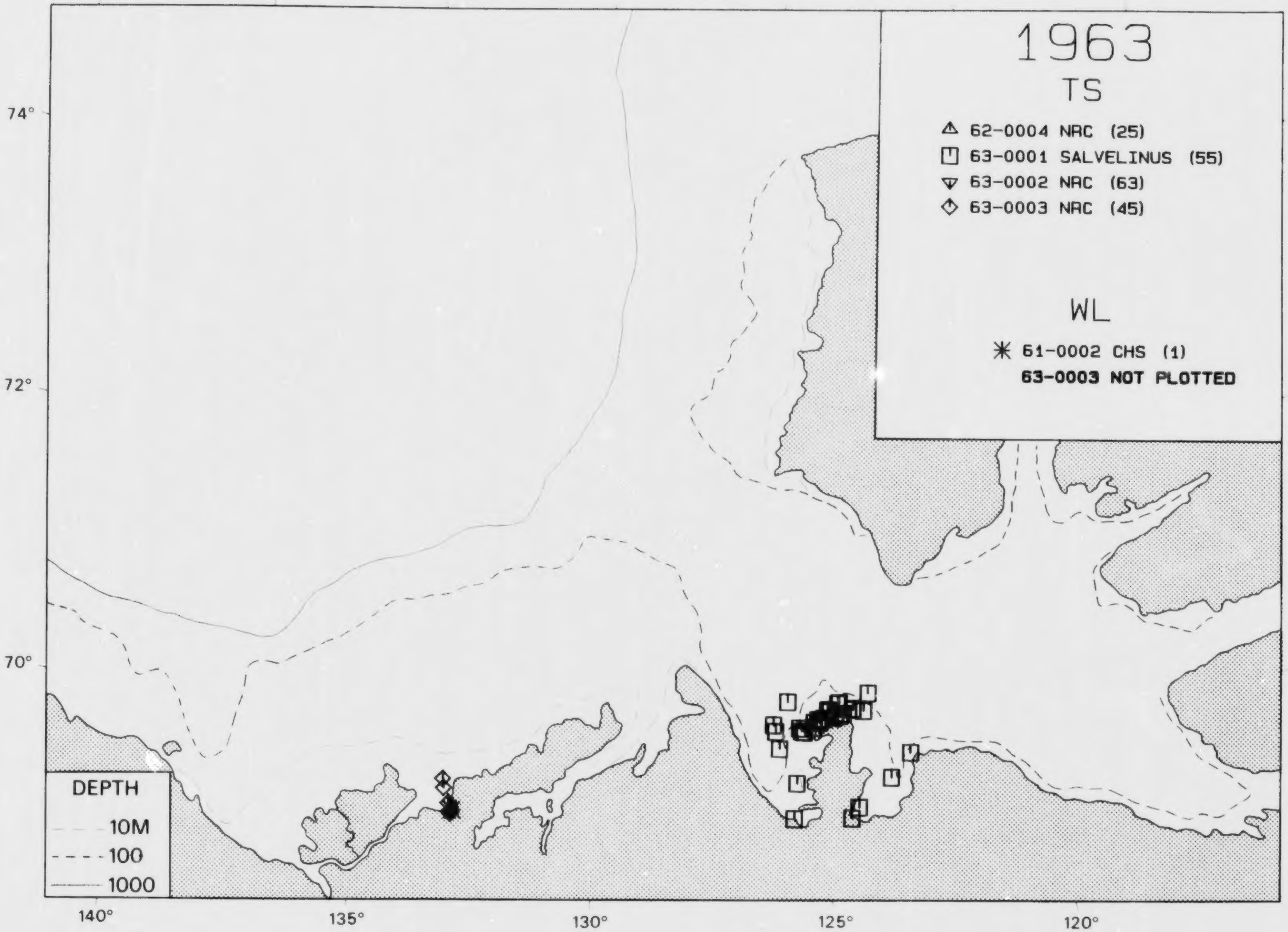

1960
TS
△ 60-0001 BURTON ISLAND (22)
□ 60-0002 NORTHWIND (7)
▽ 60-0003 SALVELINUS (8)
WL
✳ 59-0004 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

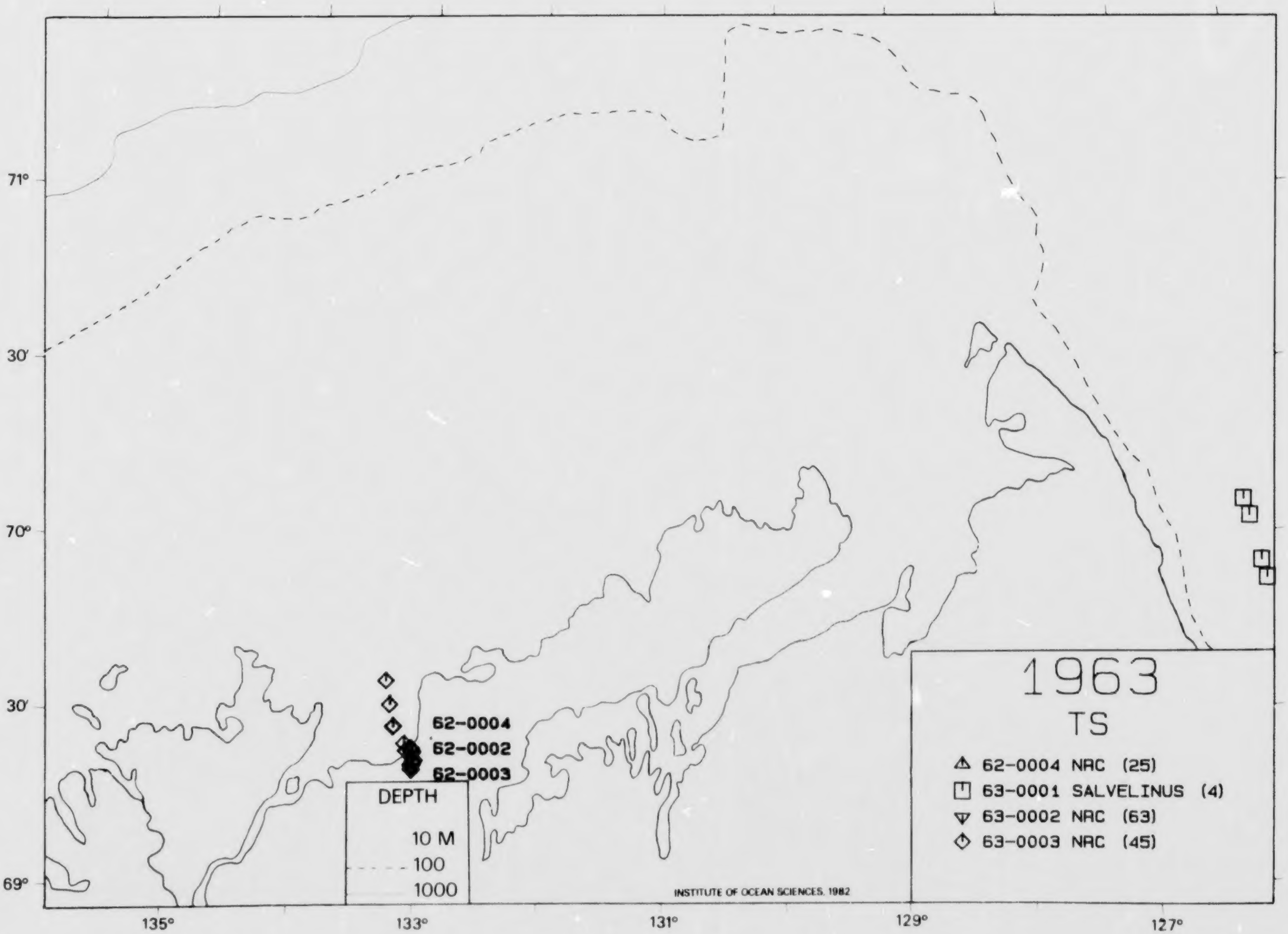

1961
TS
⚠ 61-0001 SALVELINUS (52)
WL
✳ 61-0002 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

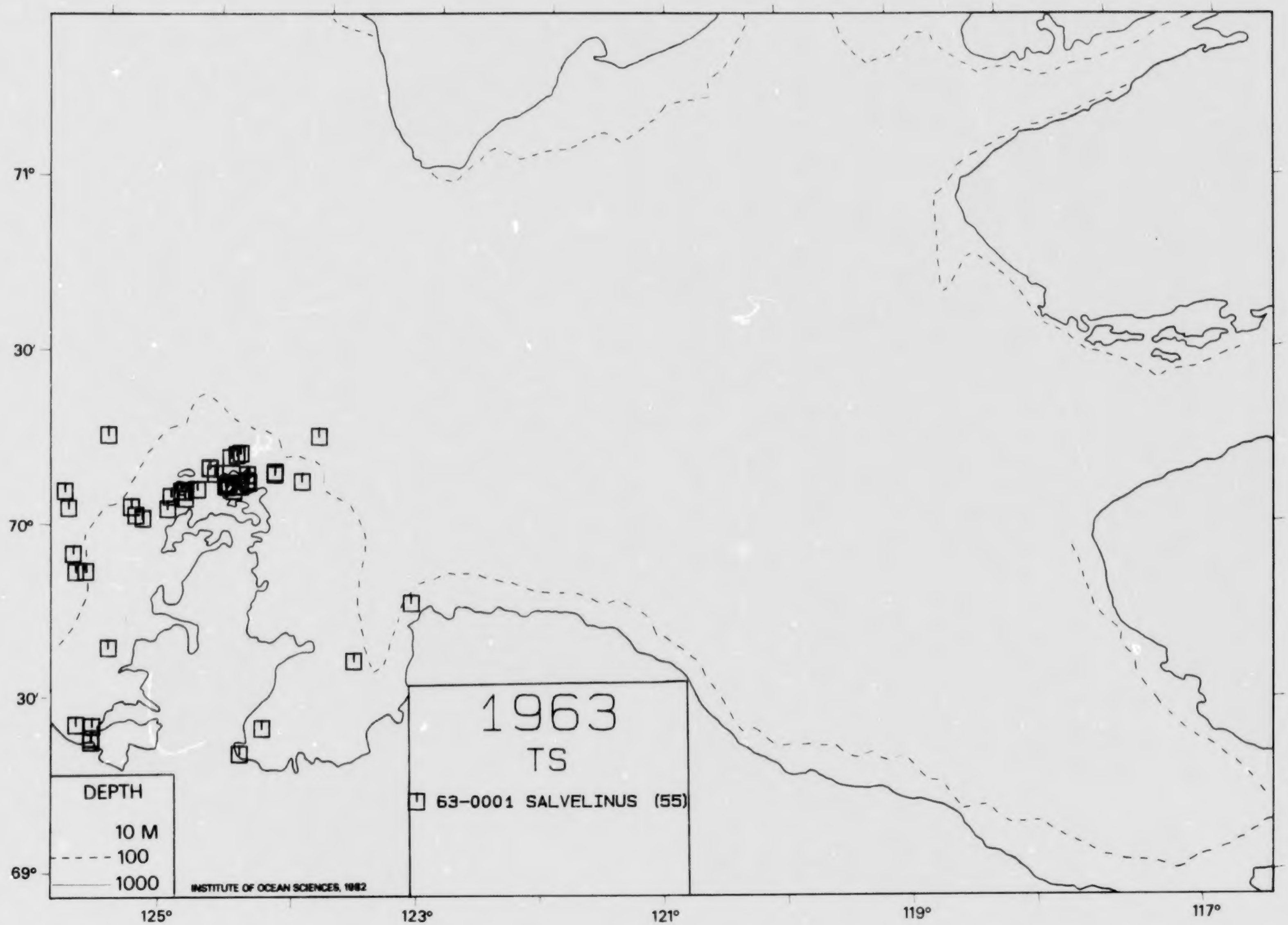

1961
TS
△ 61-0001 SALVELINUS (52)
WL
✳ 61-0002 CHS (1)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30'
70°
30'
69°
135°
133°
131°
129°
127°

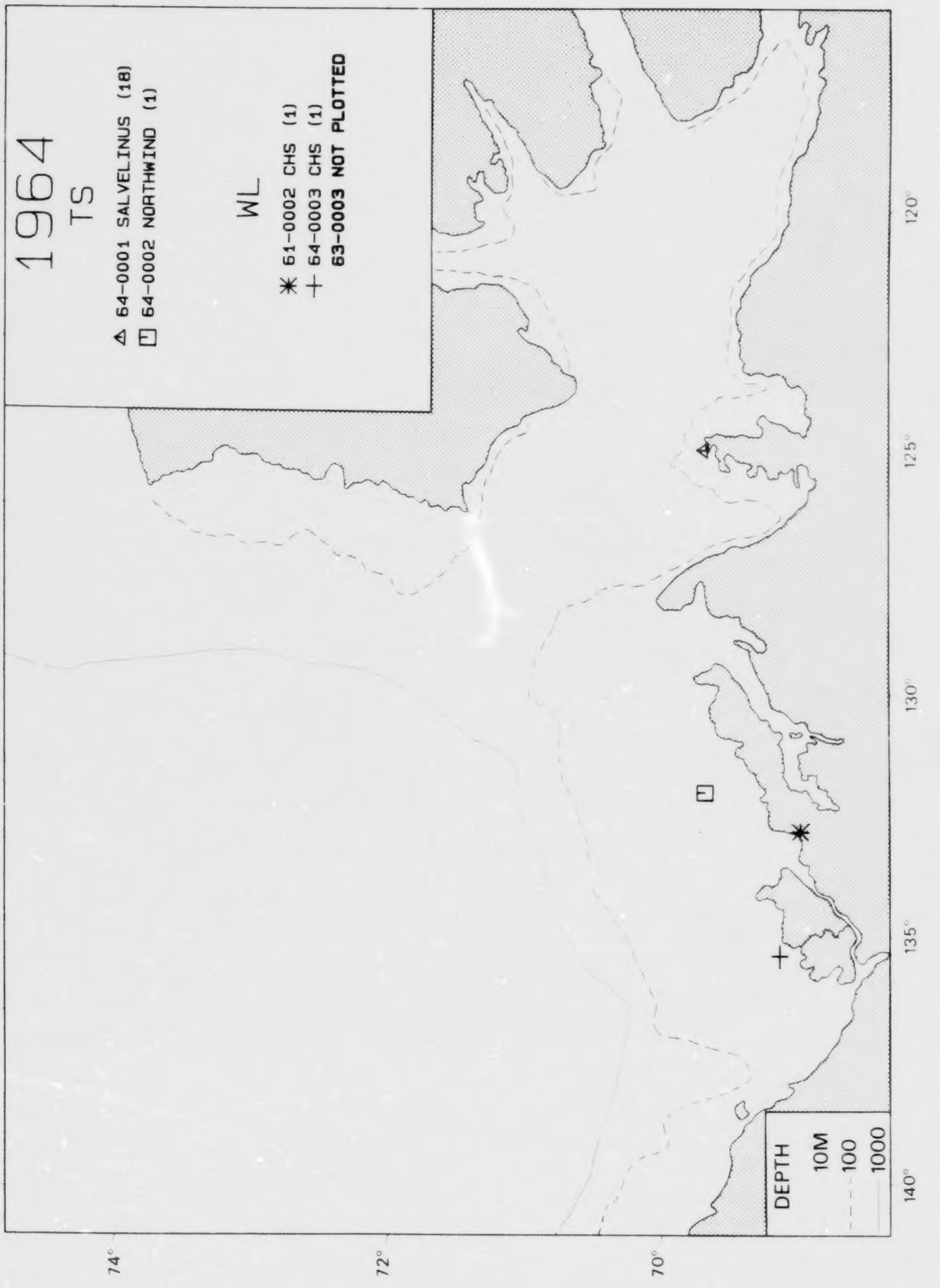

1962
TS
62-0001 SALVELINUS (34)
62-0002 NRC (109)
62-0003 NRC (81)
62-0004 NRC (4)
WL
61-0002 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

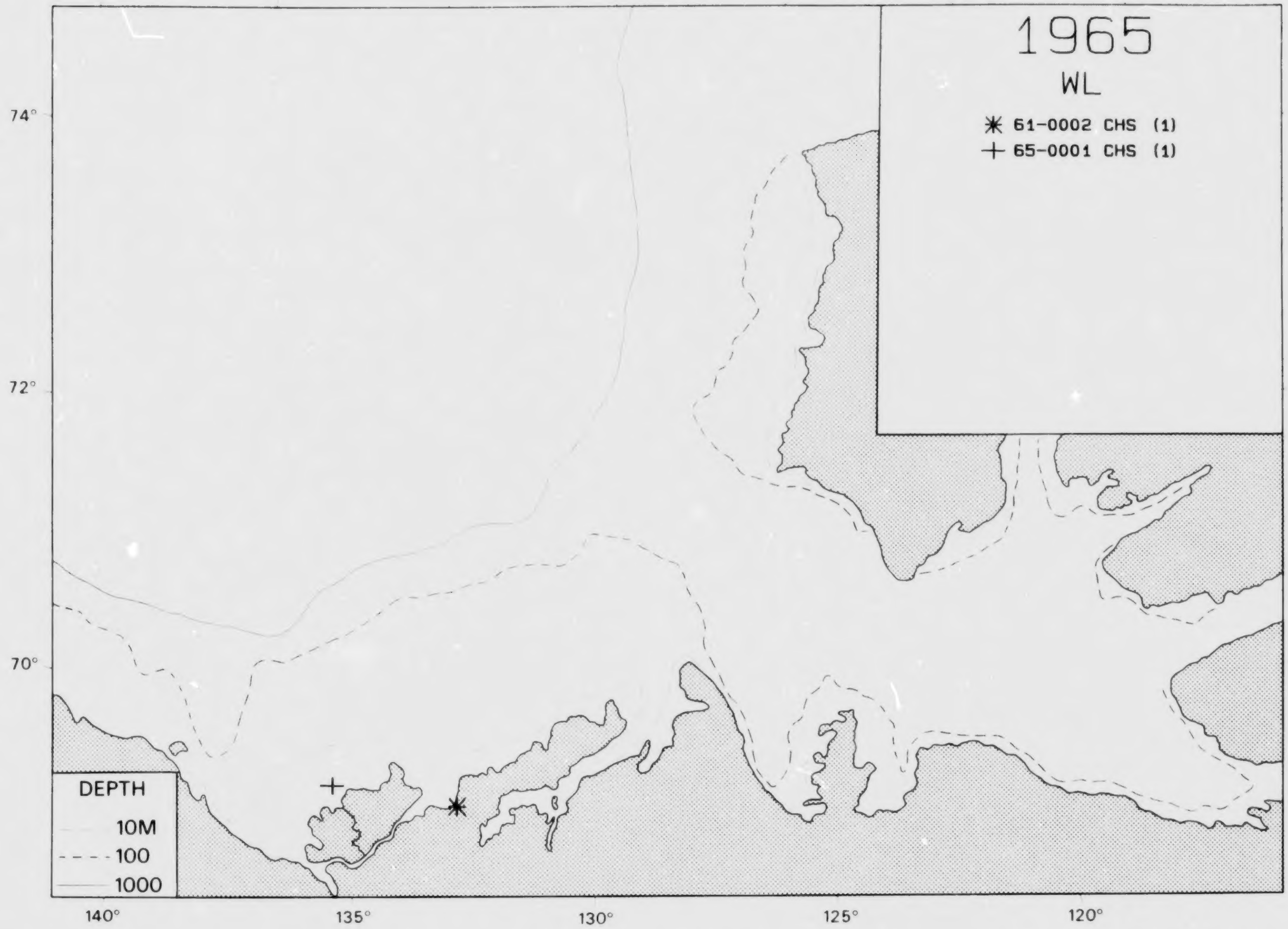

1962
TS
△ 62-0001 SALVELINUS (26)
□ 62-0002 NRC (109)
▽ 62-0003 NRC (81)
◇ 62-0004 NRC (4)
62-0002
62-0003
62-0004
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30′
70°
30′
69°
135°
133°
131°
129°
127°

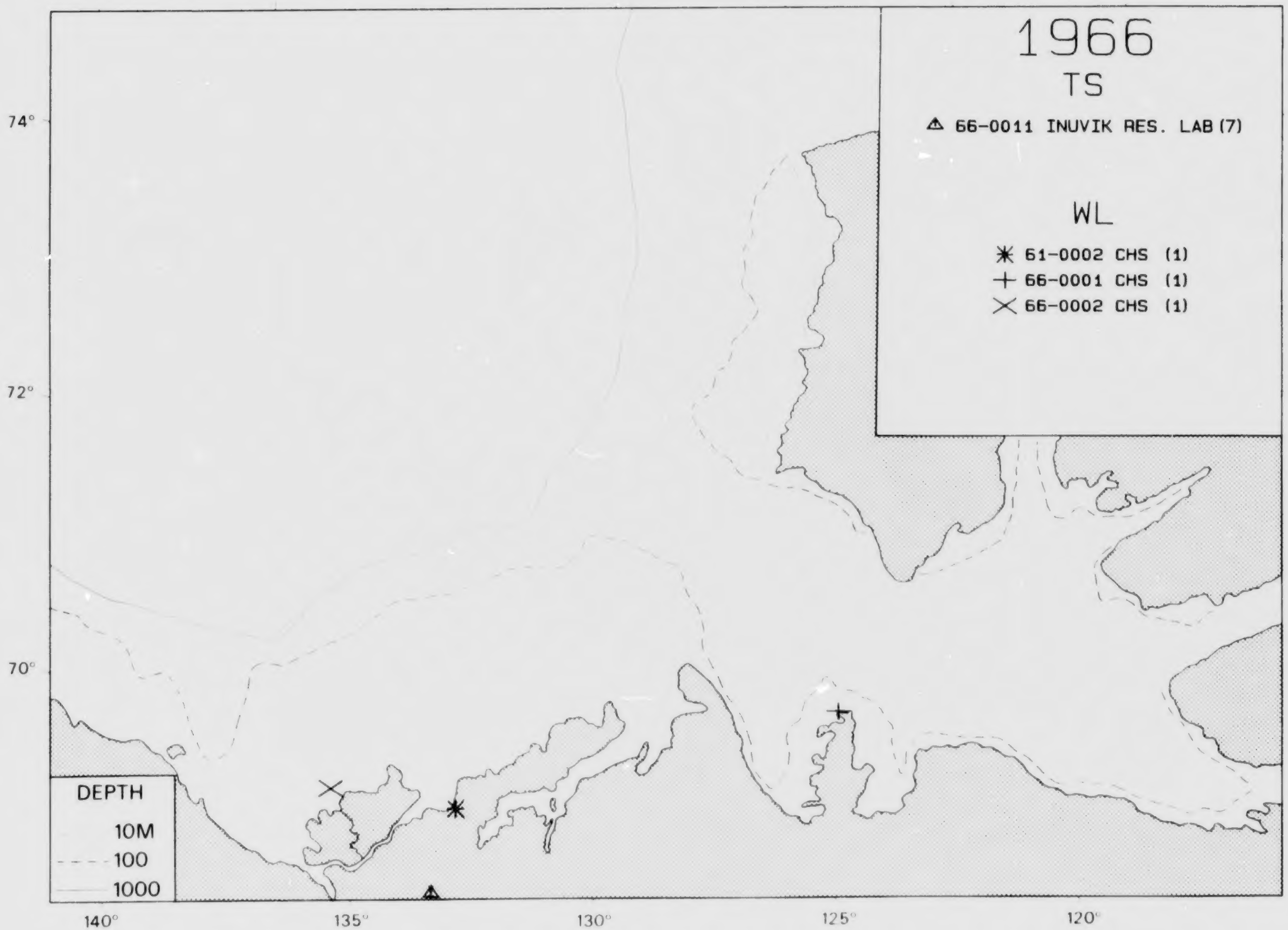

1963
TS
△ 62-0004 NRC (25)
☐ 63-0001 SALVELINUS (55)
▽ 63-0002 NRC (63)
◇ 63-0003 NRC (45)
WL
✳ 61-0002 CHS (1)
63-0003 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

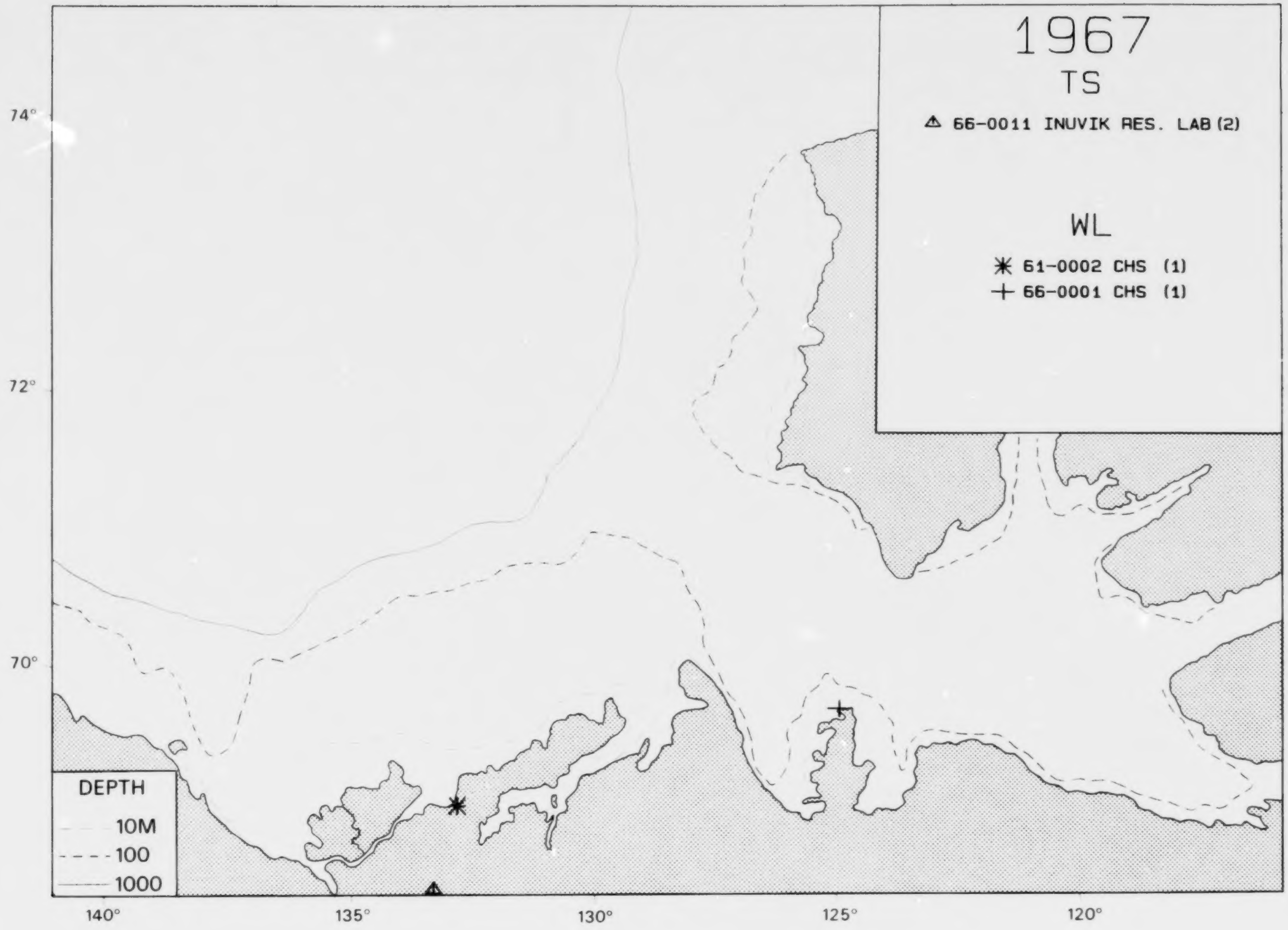

1963
TS
△ 62-0004 NRC (25)
☐ 63-0001 SALVELINUS (4)
▽ 63-0002 NRC (63)
◇ 63-0003 NRC (45)
62-0004
62-0002
62-0003
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES. 1982
71°
30′
70°
30′
69°
135°
133°
131°
129°
127°

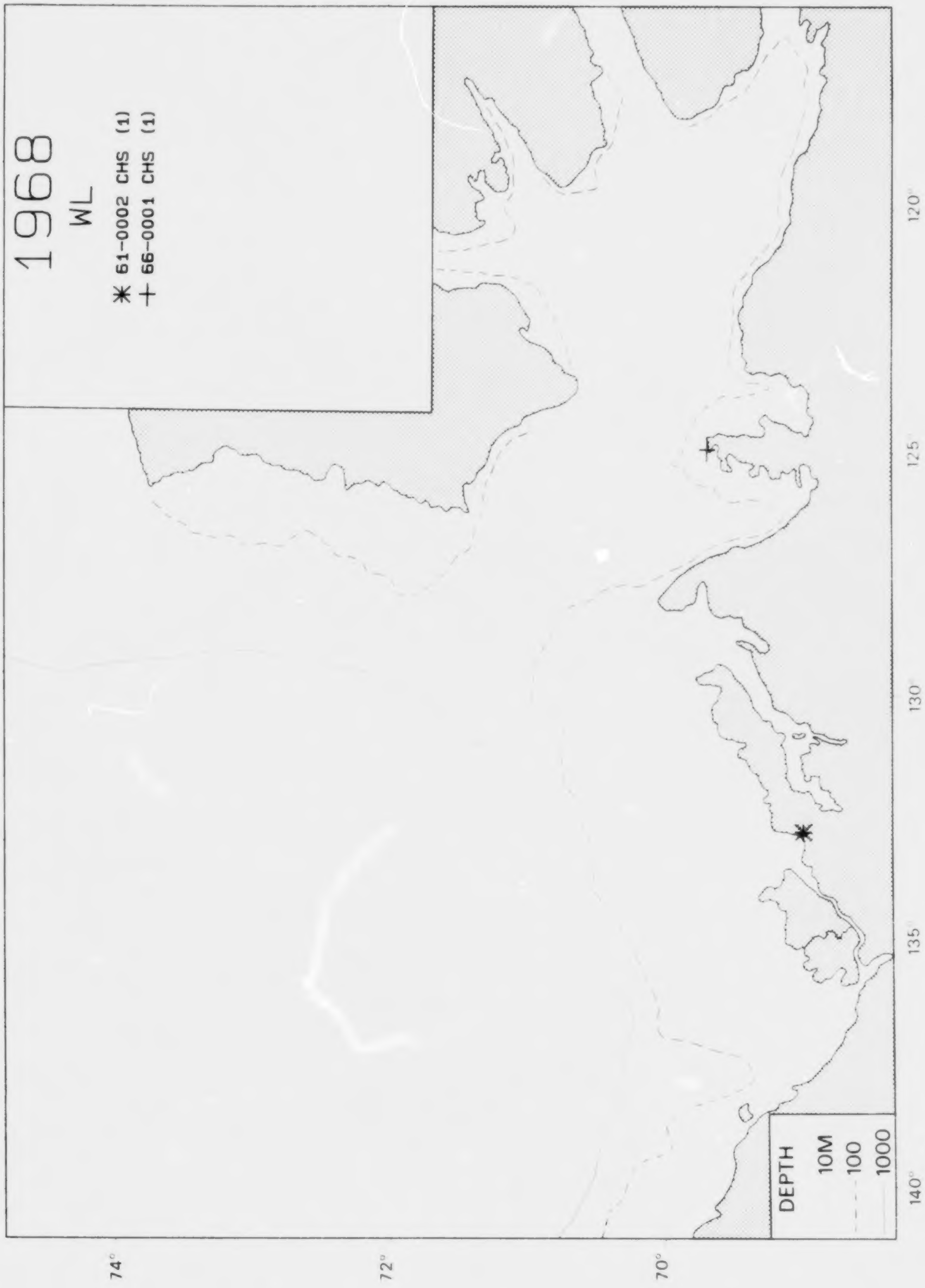

1963
TS
63-0001 SALVELINUS (55)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30′
70°
30′
69°
125°
123°
121°
119°
117°

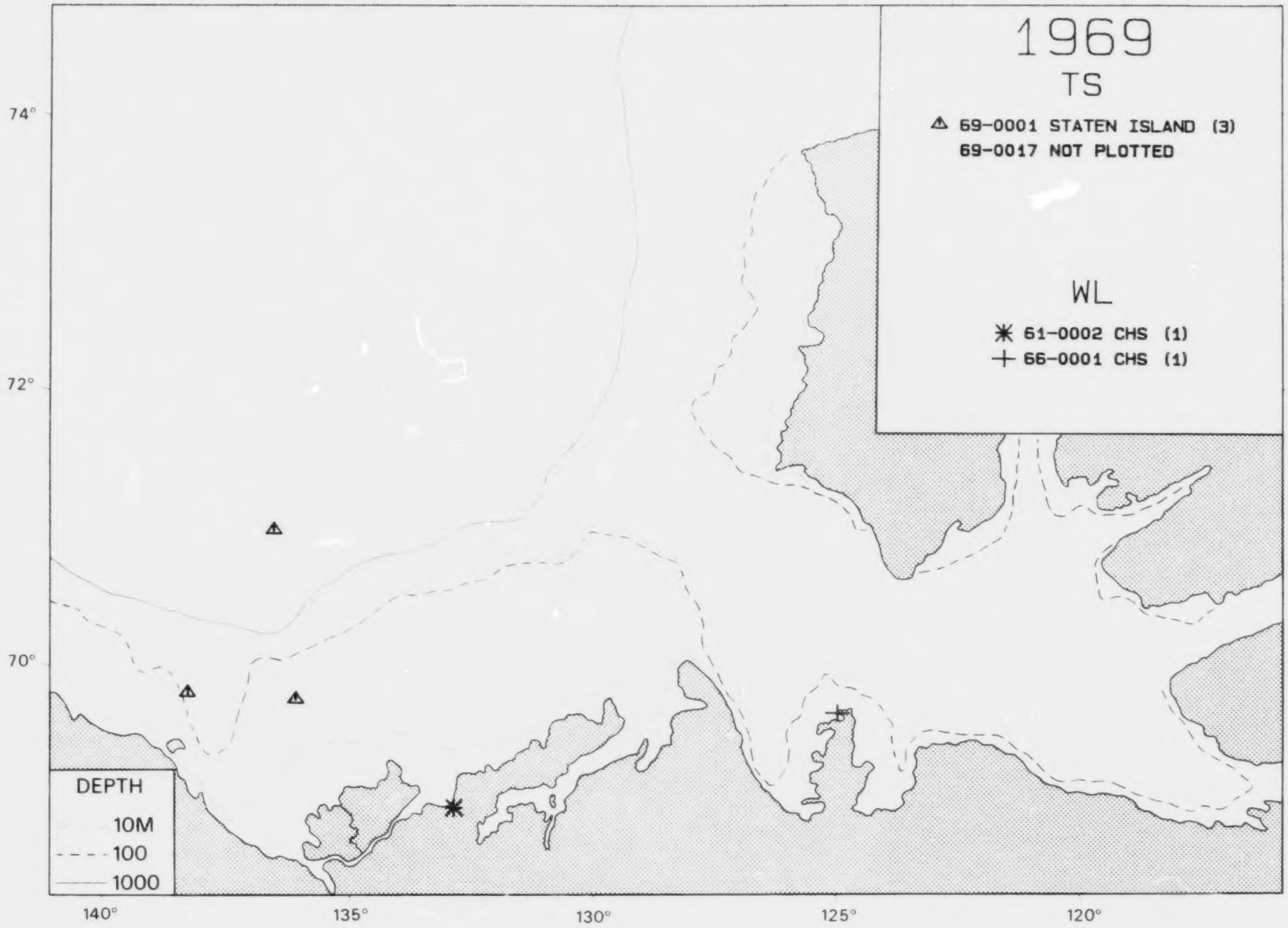

1964
TS
△ 64-0001 SALVELINUS (18)
□ 64-0002 NORTHWIND (1)
WL
✳ 61-0002 CHS (1)
+ 64-0003 CHS (1)
63-0003 NOT PLOTTED
DEPTH
10M
100
1000
120°
125°
130°
135°
140°
74°
72°
70°

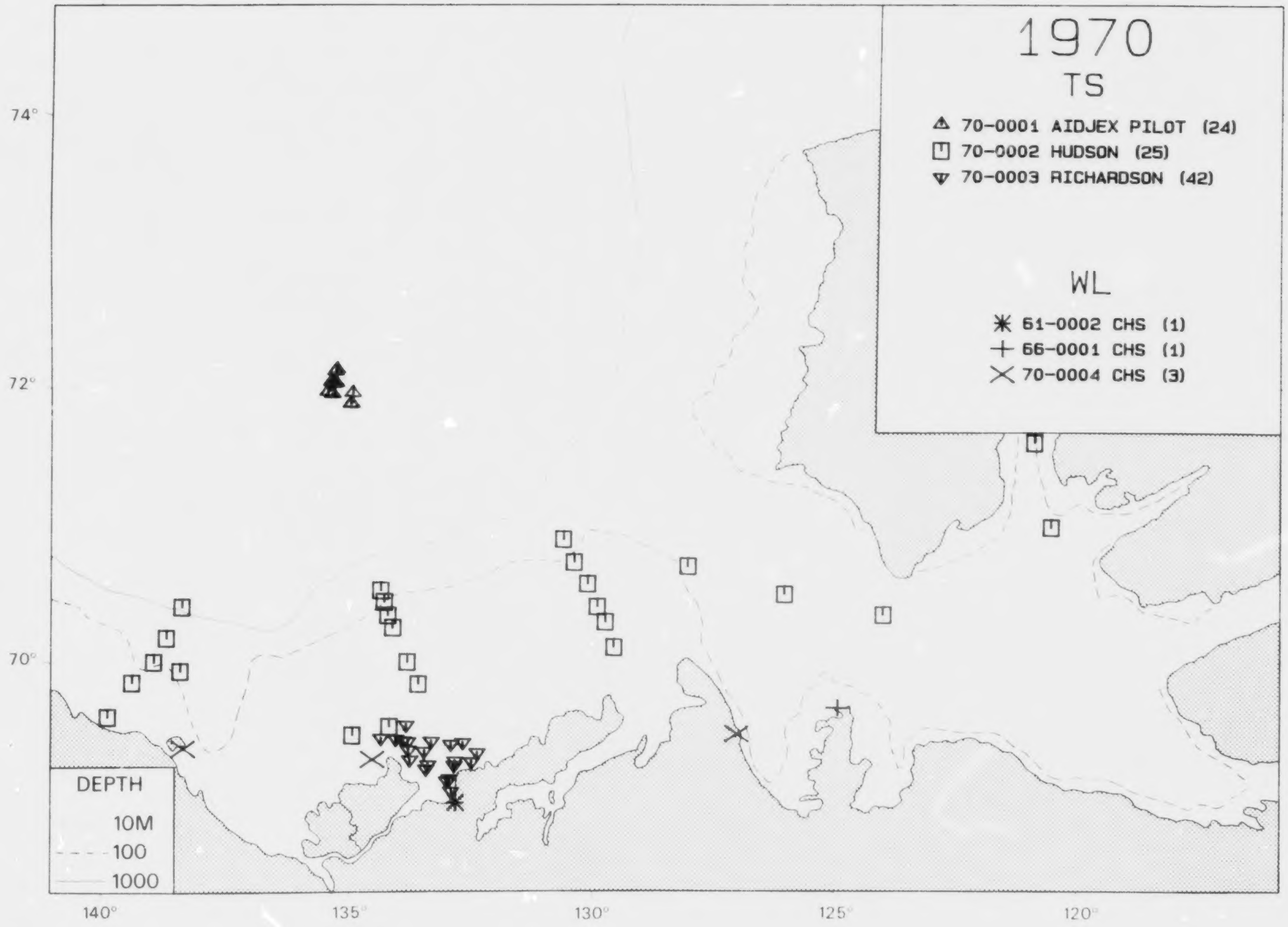

1965
WL
✳ 61-0002 CHS (1)
+ 65-0001 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

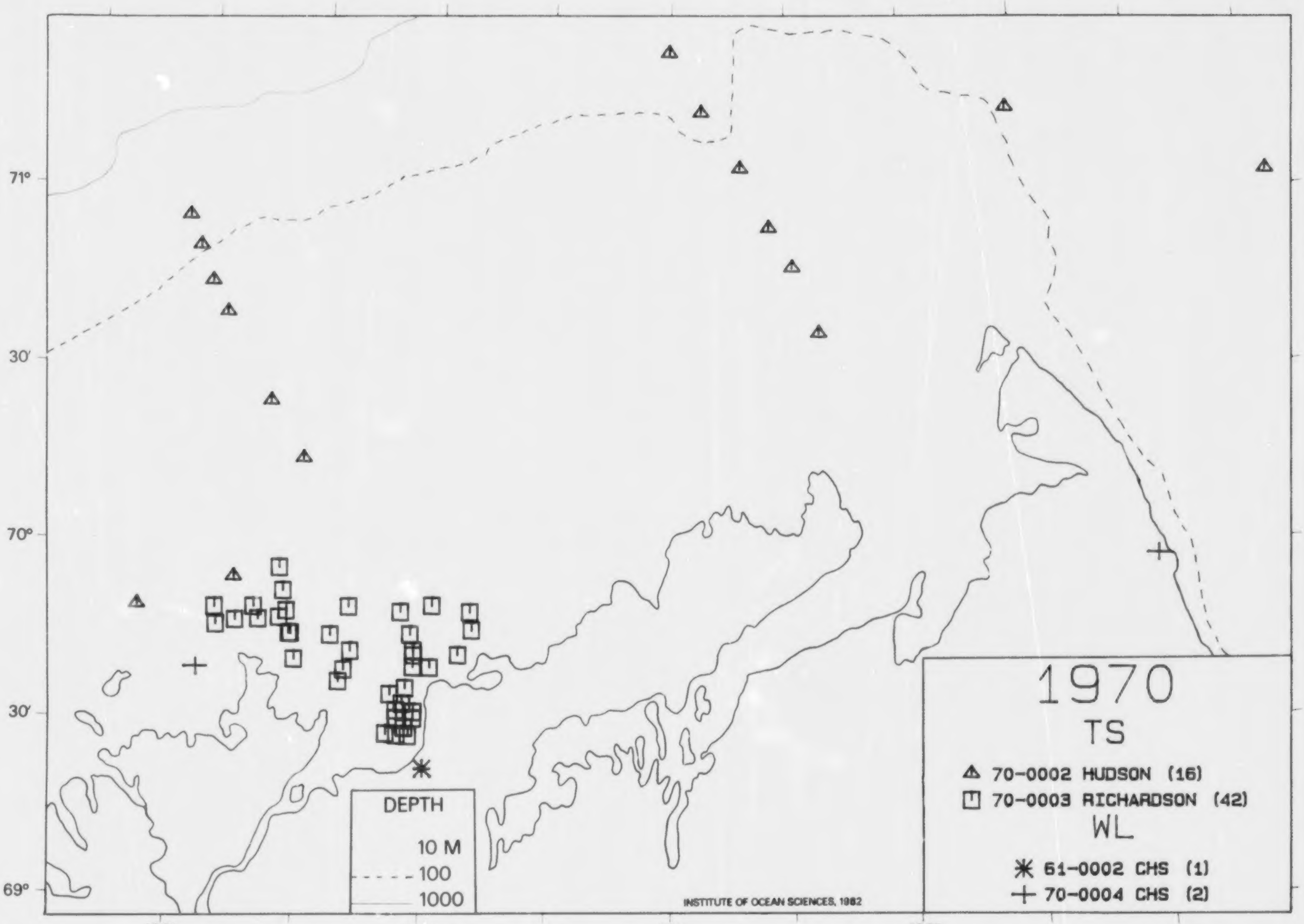

1966
TS
⚠ 66-0011 INUVIK RES. LAB (7)
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
× 66-0002 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

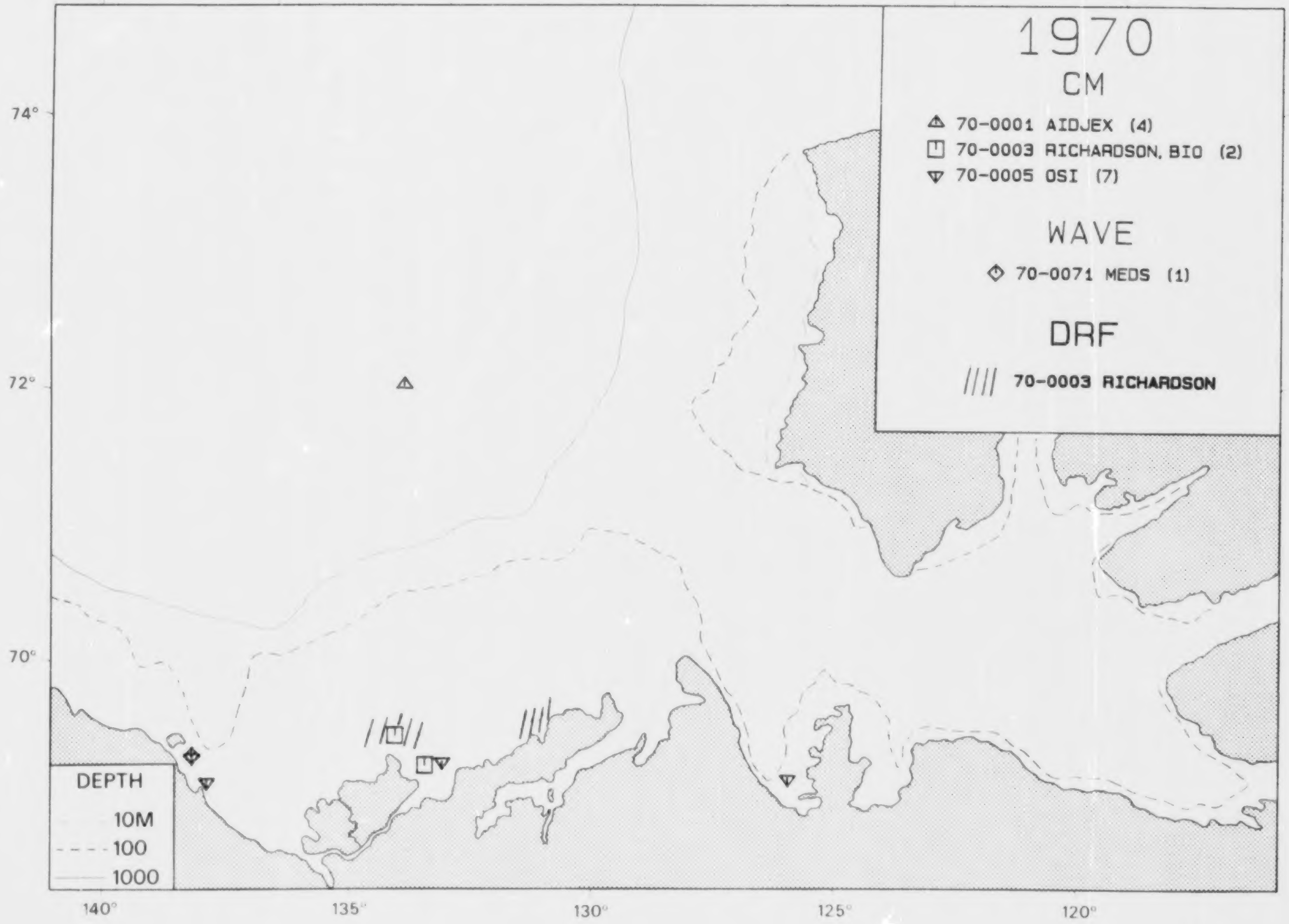

1967
TS
⚠ 66-0011 INUVIK RES. LAB (2)
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

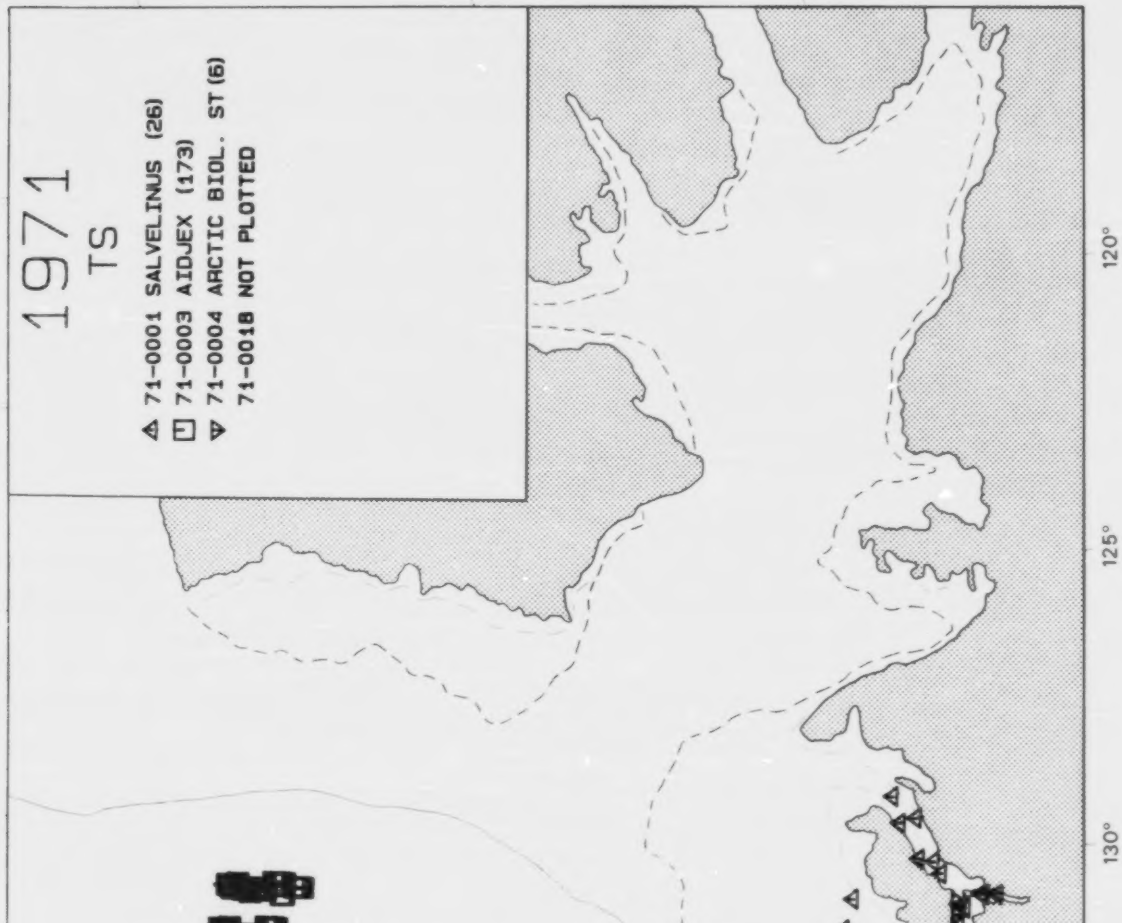

1968
WL
✱ 61-0002 CHS (1)
+ 66-0001 CHS (1)
DEPTH
10M
100
1000
120°
125°
130°
135°
140°
74°
72°
70°

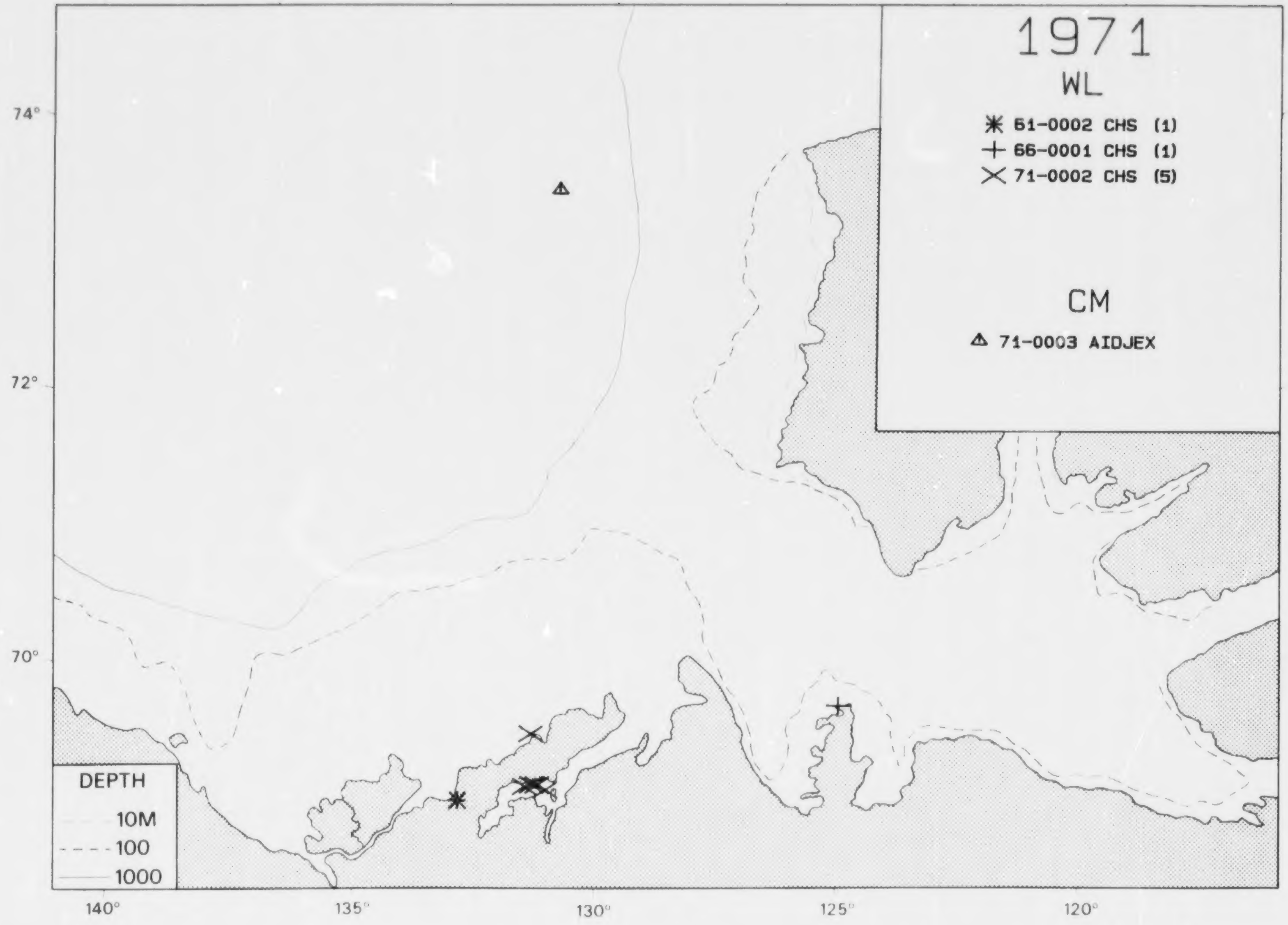

1969
TS
△ 69-0001 STATEN ISLAND (3)
69-0017 NOT PLOTTED
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

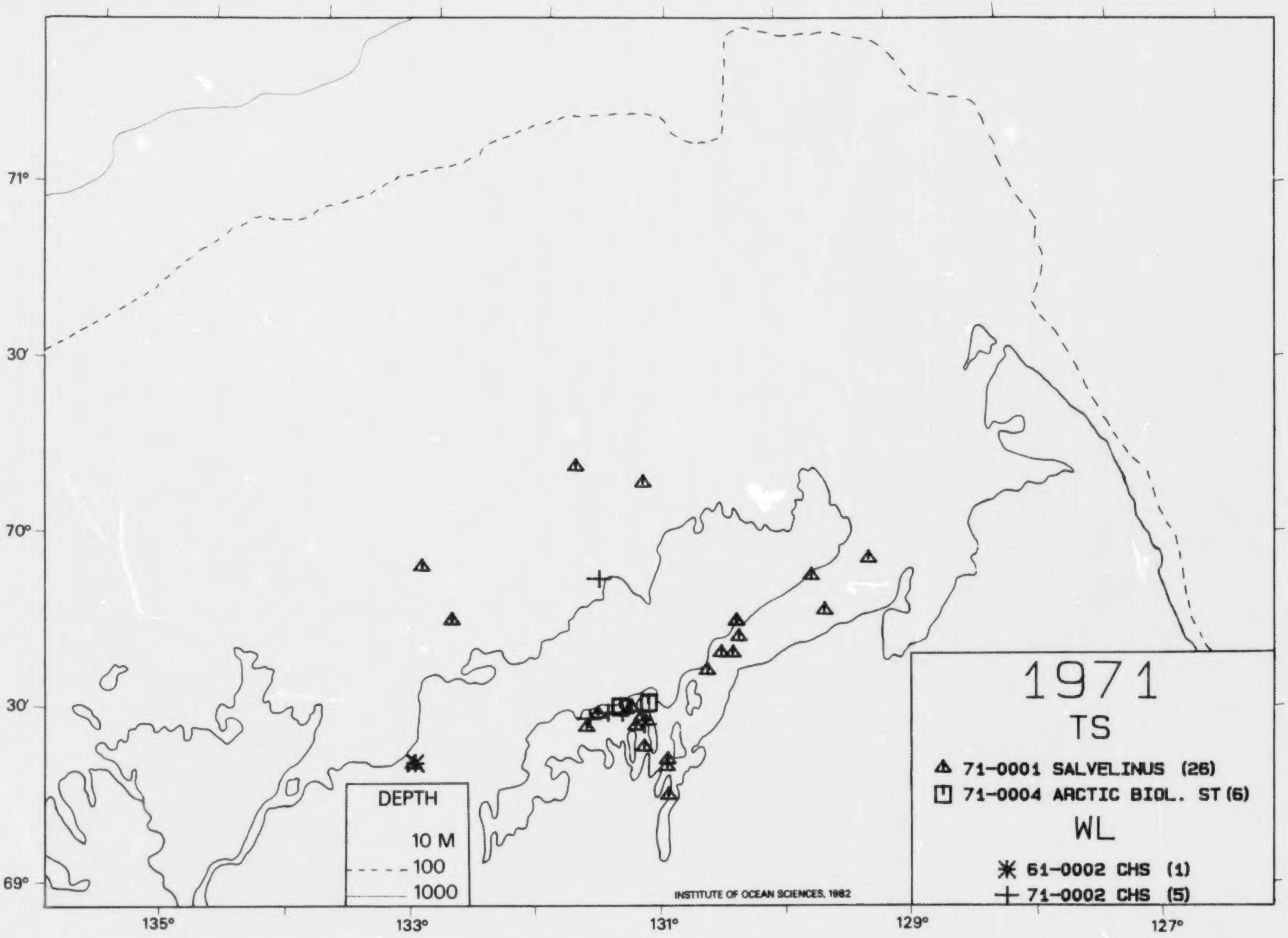

1970
TS
△ 70-0001 AIDJEX PILOT (24)
□ 70-0002 HUDSON (25)
▽ 70-0003 RICHARDSON (42)
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
× 70-0004 CHS (3)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

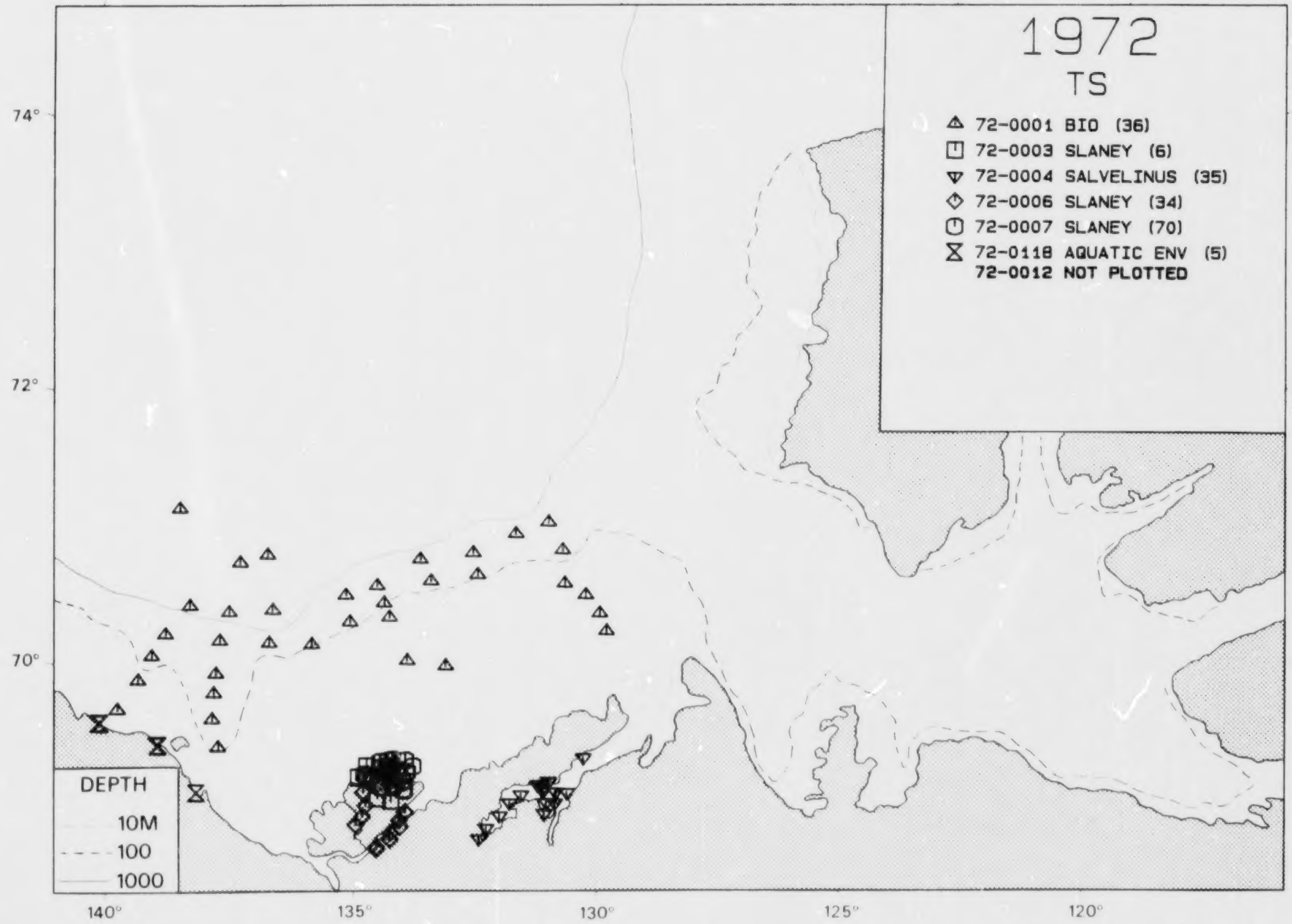

71°
30'
70°
30'
69°
135°
133°
131°
129°
127°
DEPTH
10 M
100
1000
1970
TS
70-0002 HUDSON (16)
70-0003 RICHARDSON (42)
WL
61-0002 CHS (1)
70-0004 CHS (2)
INSTITUTE OF OCEAN SCIENCES, 1982

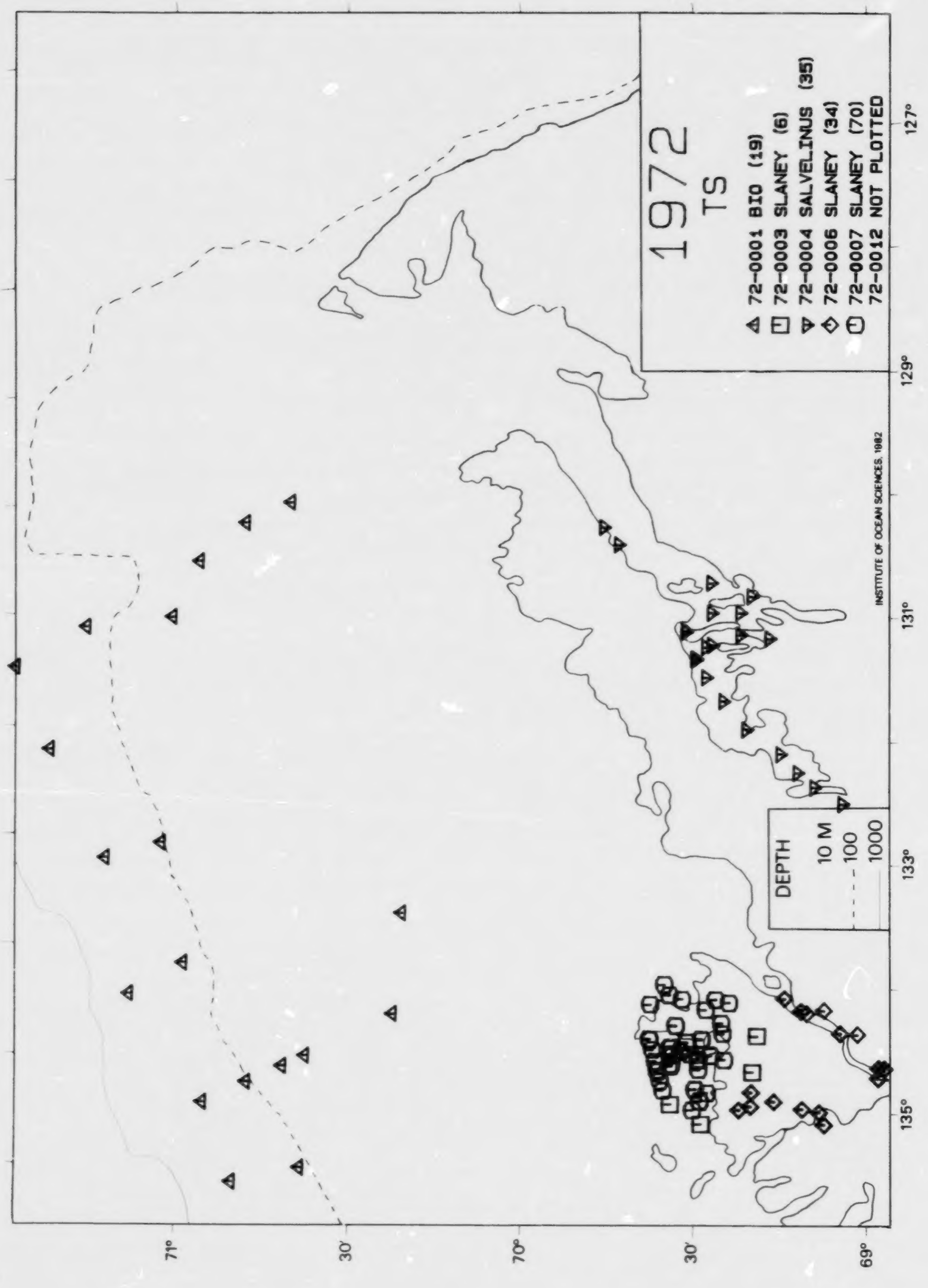

1970
CM
70-0001 AIDJEX (4)
70-0003 RICHARDSON, BIO (2)
70-0005 OSI (7)
WAVE
70-0071 MEDS (1)
DRF
70-0003 RICHARDSON
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°


1971
TS
71-0001 SALVELINUS (26)
71-0003 AIDJEX (173)
71-0004 ARCTIC BIOL. ST (6)
71-0018 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

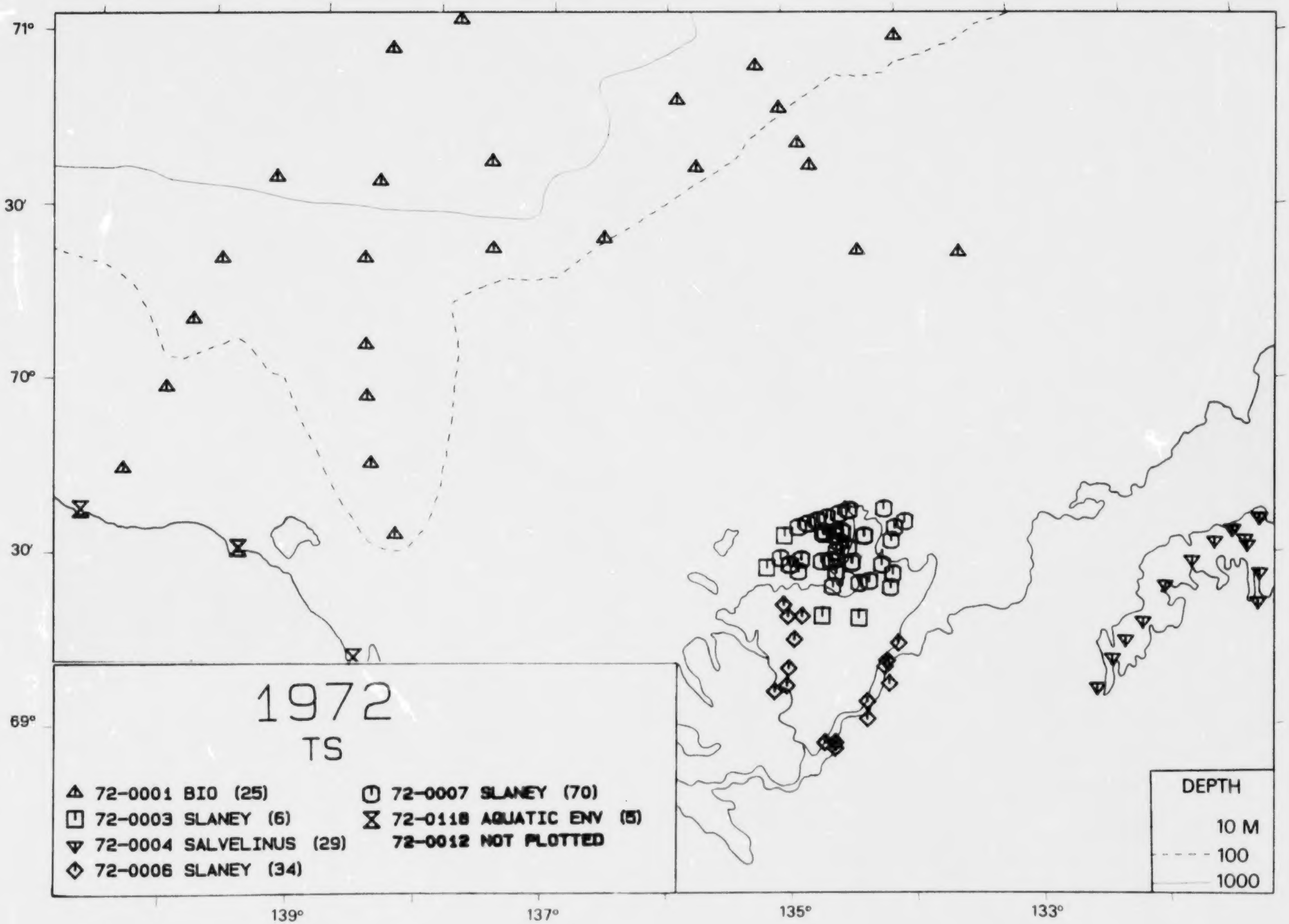

1971
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
× 71-0002 CHS (5)
CM
△ 71-0003 AIDJEX
74°
72°
70°
140°
135°
130°
125°
120°
DEPTH
10M
100
1000

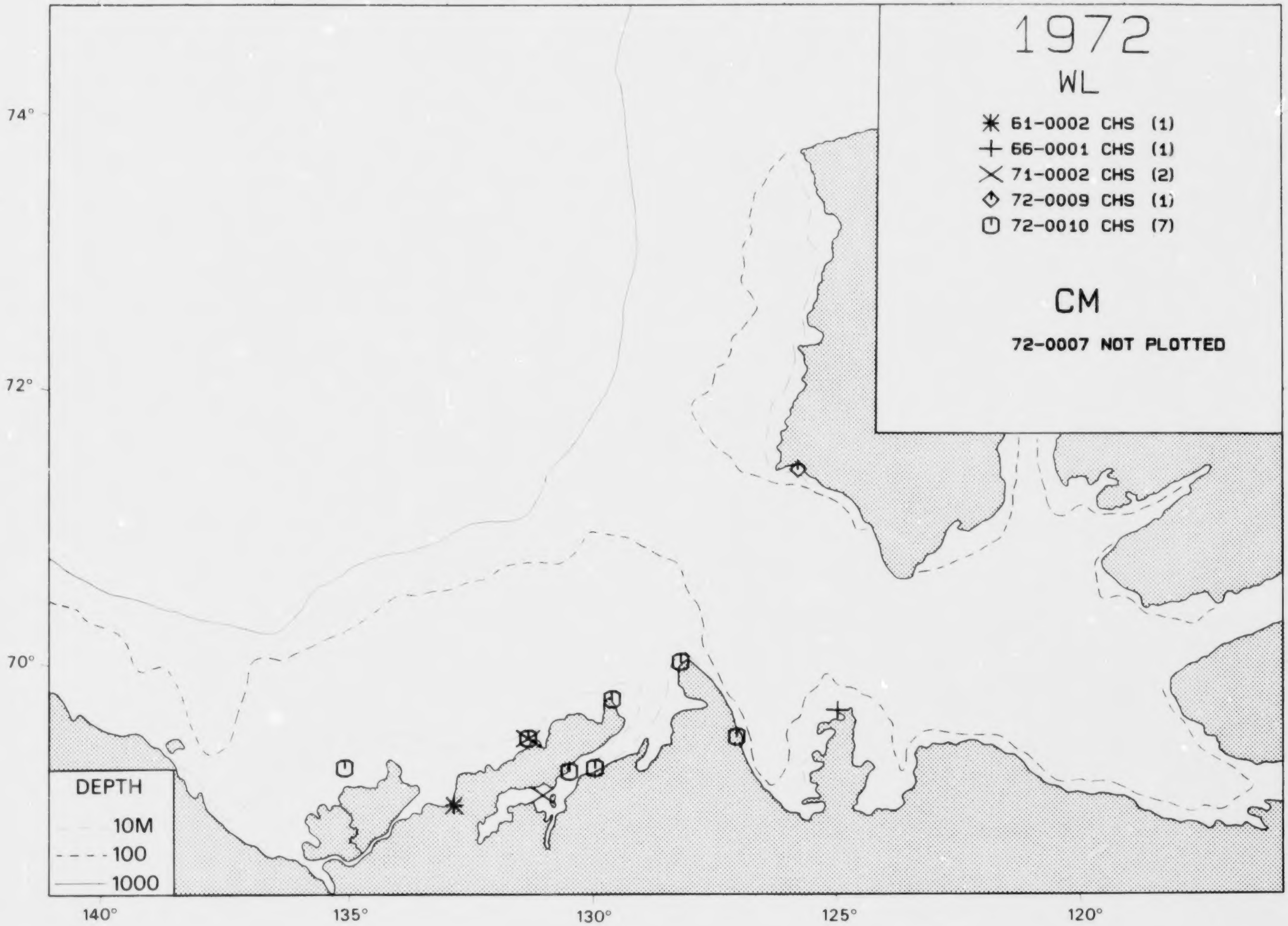

1971
TS
71-0001 SALVELINUS (26)
71-0004 ARCTIC BIOL. ST (6)
WL
61-0002 CHS (1)
71-0002 CHS (5)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30′
70°
30′
69°
135°
133°
131°
129°
127°

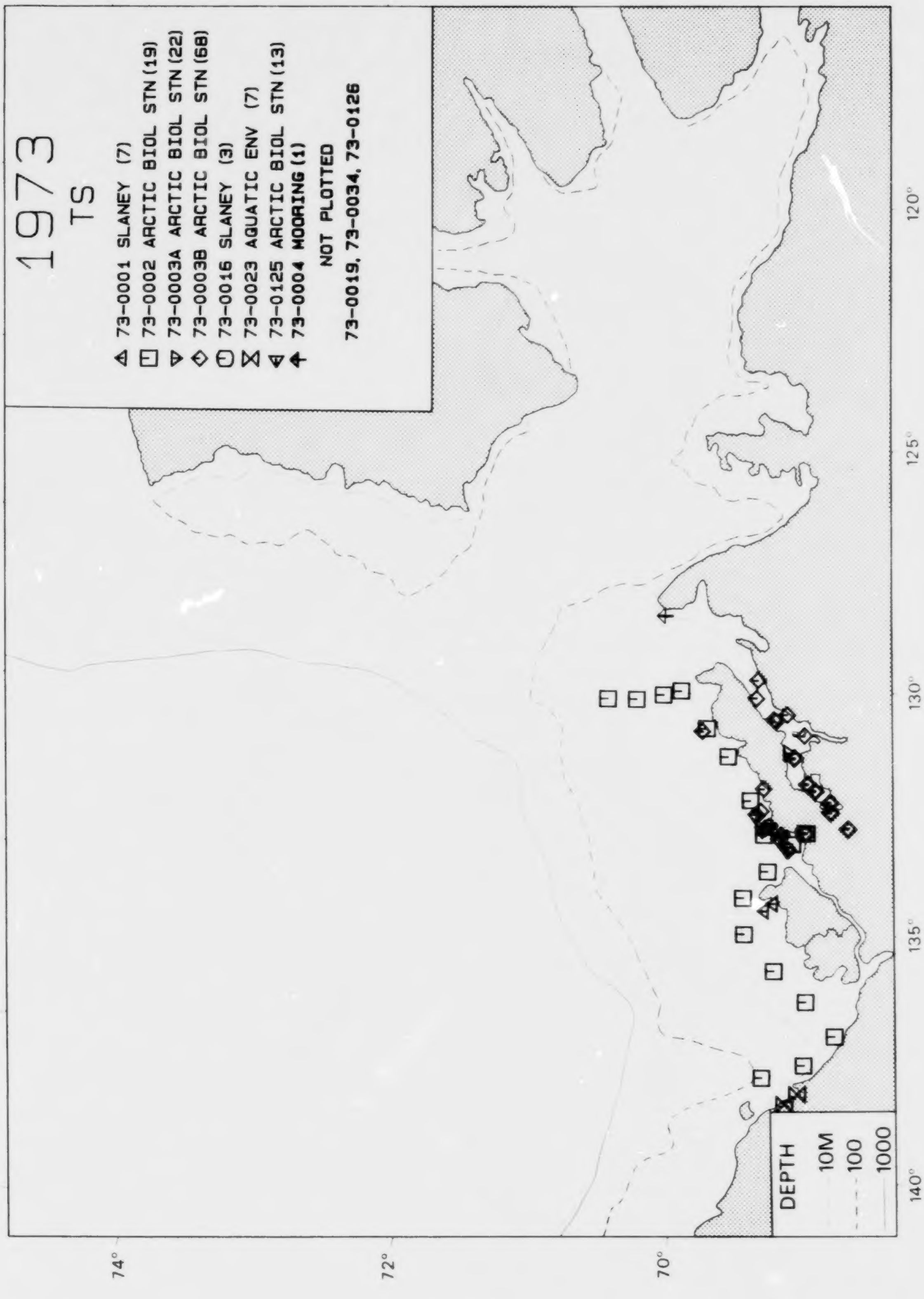

1972
TS
△ 72-0001 BIO (36)
□ 72-0003 SLANEY (6)
▽ 72-0004 SALVELINUS (35)
◇ 72-0006 SLANEY (34)
○ 72-0007 SLANEY (70)
⧖ 72-0118 AQUATIC ENV (5)
72-0012 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

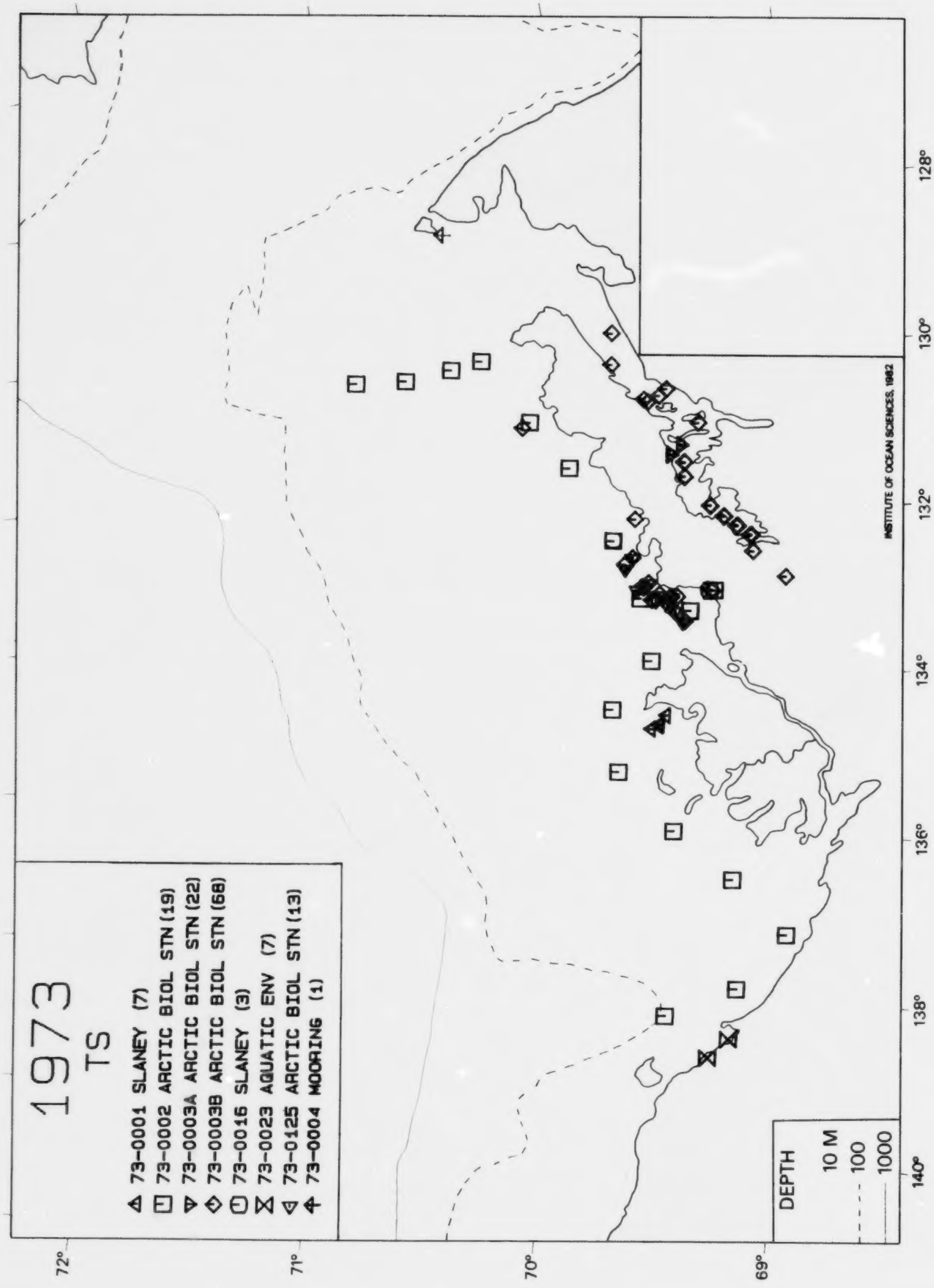

1972
TS
72-0001 BIO (19)
72-0003 SLANEY (6)
72-0004 SALVELINUS (35)
72-0006 SLANEY (34)
72-0007 SLANEY (70)
72-0012 NOT PLOTTED
DEPTH
10 M
100
1000
71°
30'
70°
30'
69°
135°
133°
131°
129°
127°

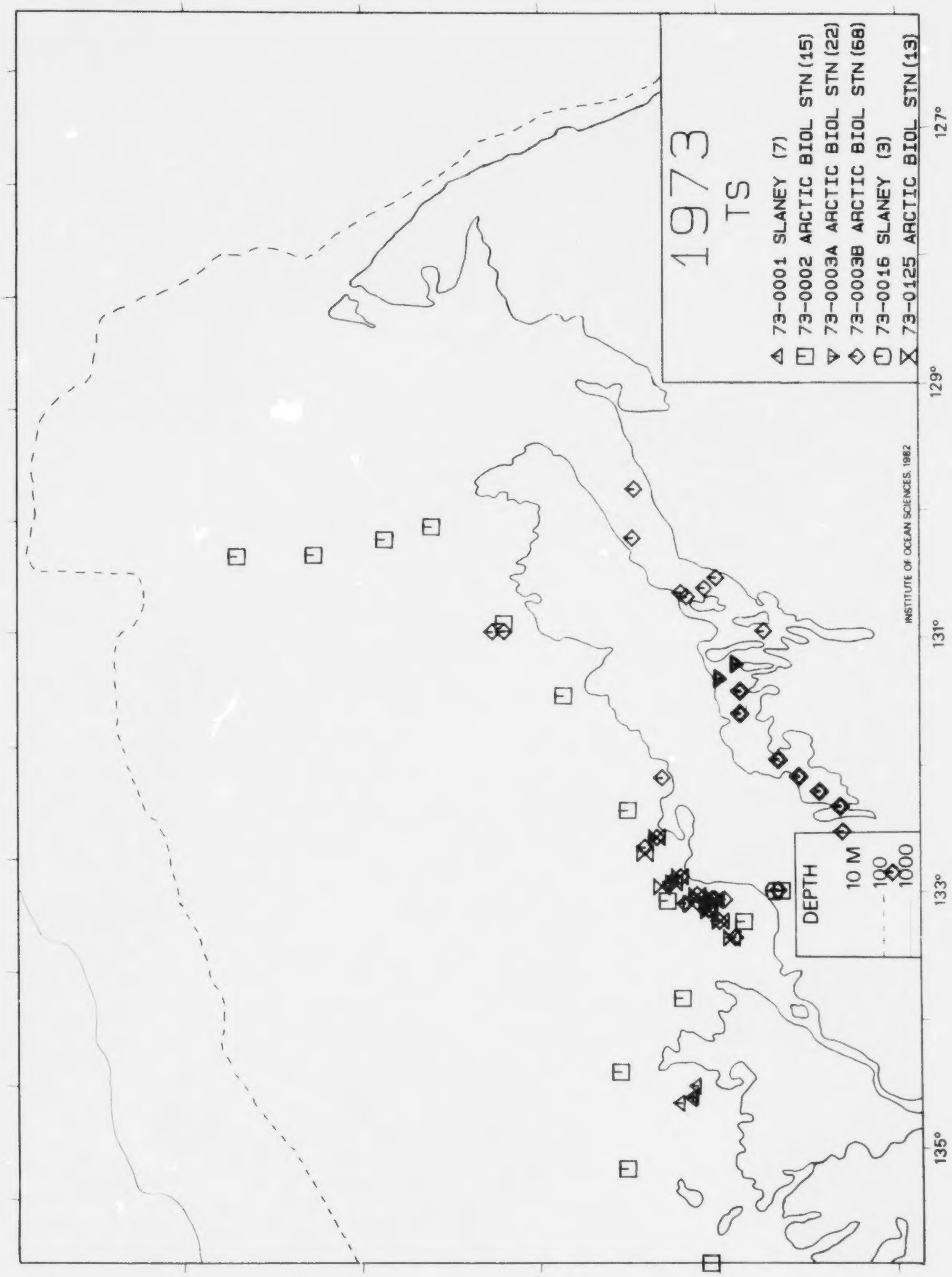
INSTITUTE OF OCEAN SCIENCES, 1982

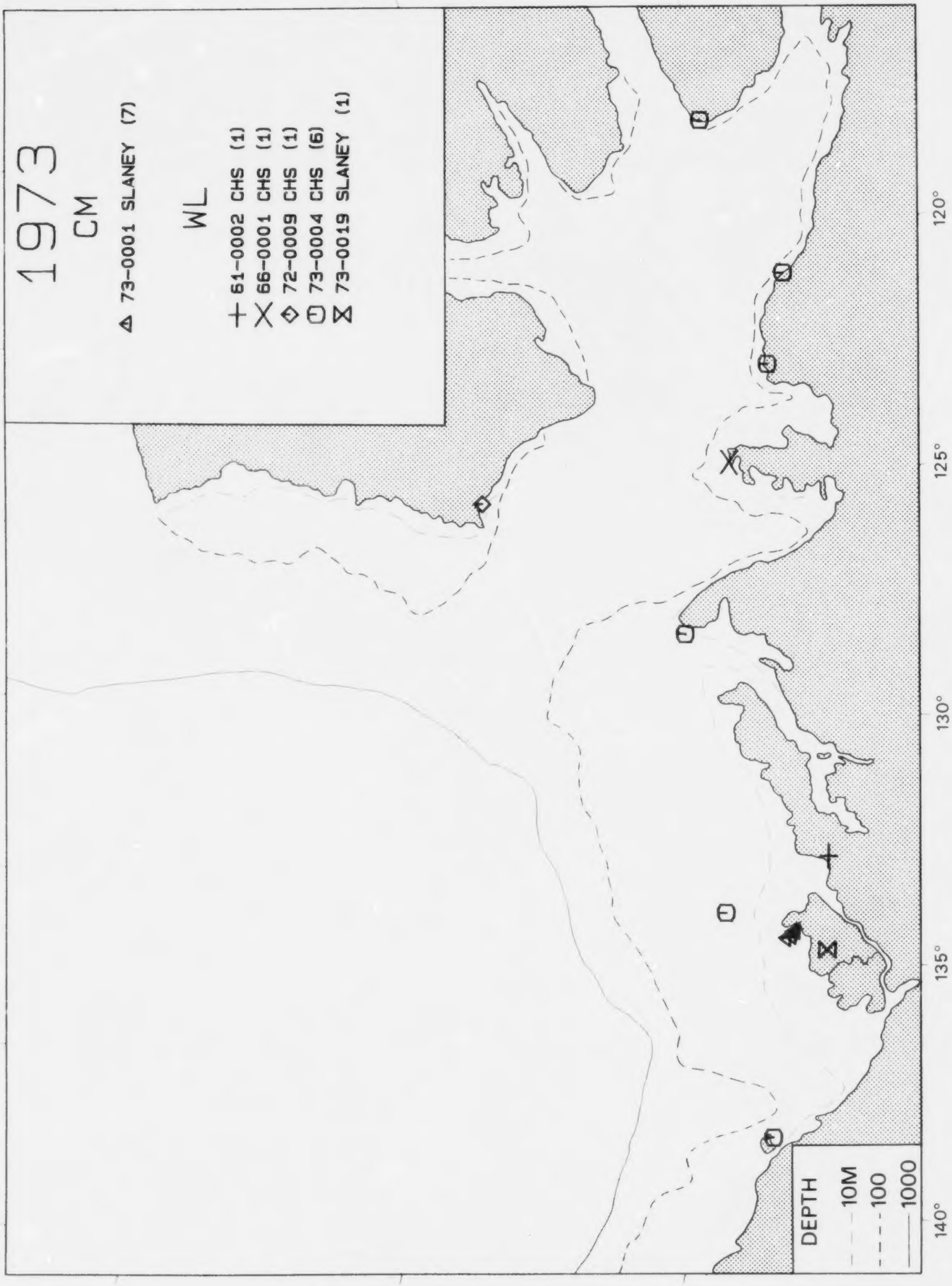

71°
30′
70°
30′
69°
139°
137°
135°
133°
1972
TS
72-0001 BIO (25)
72-0003 SLANEY (6)
72-0004 SALVELINUS (29)
72-0006 SLANEY (34)
72-0007 SLANEY (70)
72-0118 AQUATIC ENV (5)
72-0012 NOT PLOTTED
DEPTH
10 M
100
1000

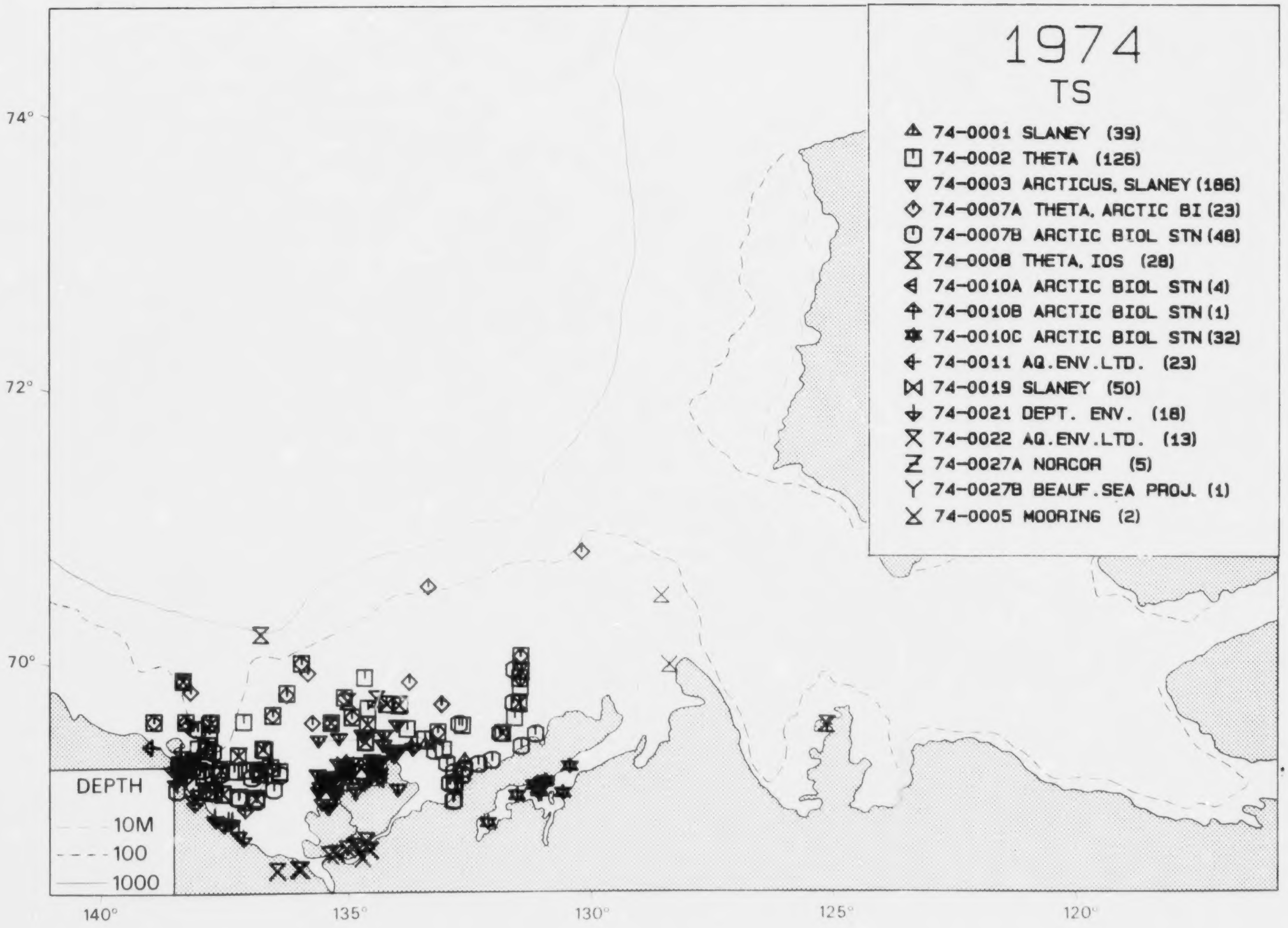

1972
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
✕ 71-0002 CHS (2)
◇ 72-0009 CHS (1)
⓪ 72-0010 CHS (7)
CM
72-0007 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

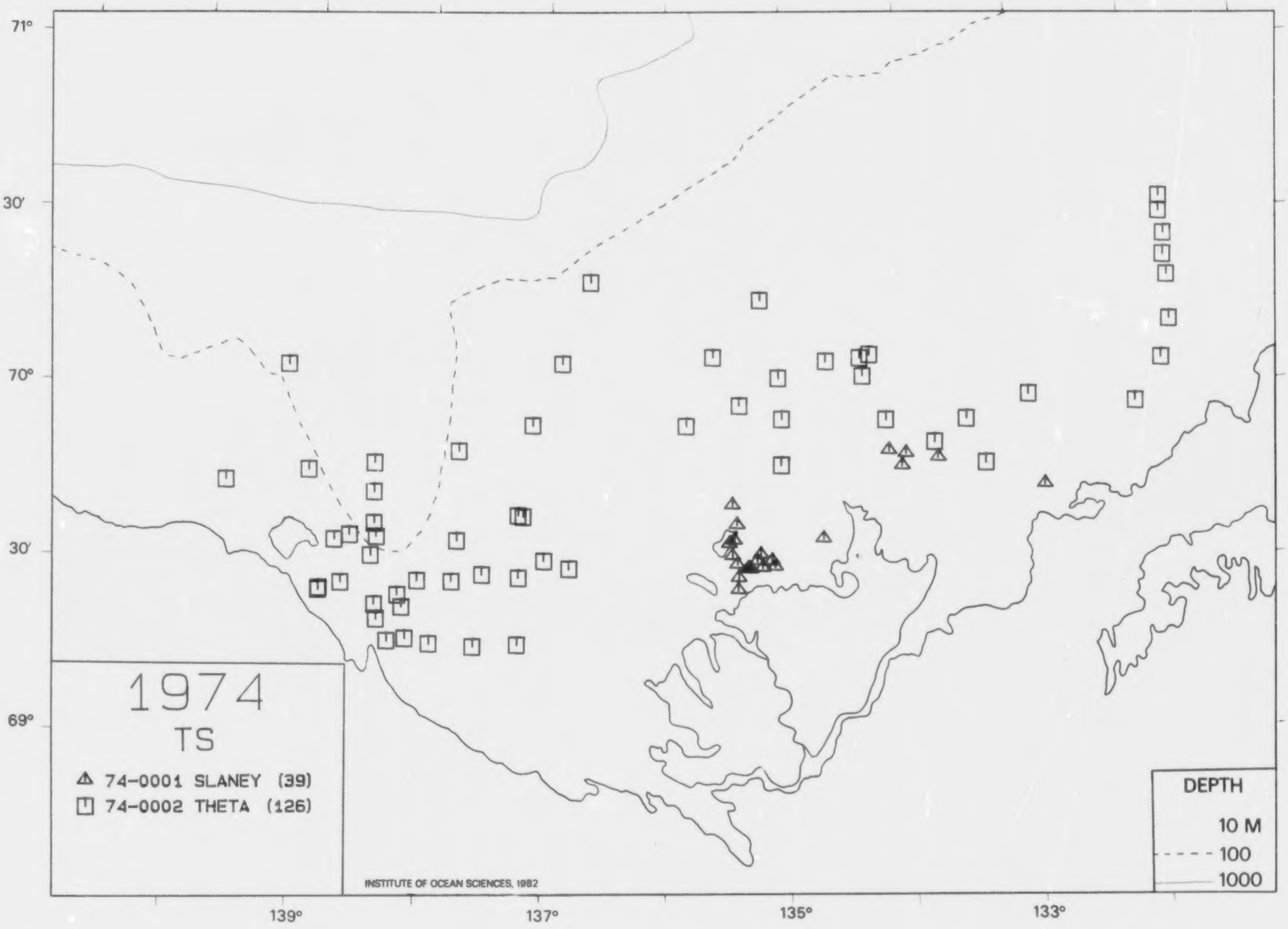

1973
TS
△ 73-0001 SLANEY (7)
□ 73-0002 ARCTIC BIOL STN (19)
▽ 73-0003A ARCTIC BIOL STN (22)
◇ 73-0003B ARCTIC BIOL STN (68)
○ 73-0016 SLANEY (3)
⧖ 73-0023 AQUATIC ENV (7)
◁ 73-0125 ARCTIC BIOL STN (13)
✦ 73-0004 MOORING (1)
NOT PLOTTED
73-0019, 73-0034, 73-0126
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

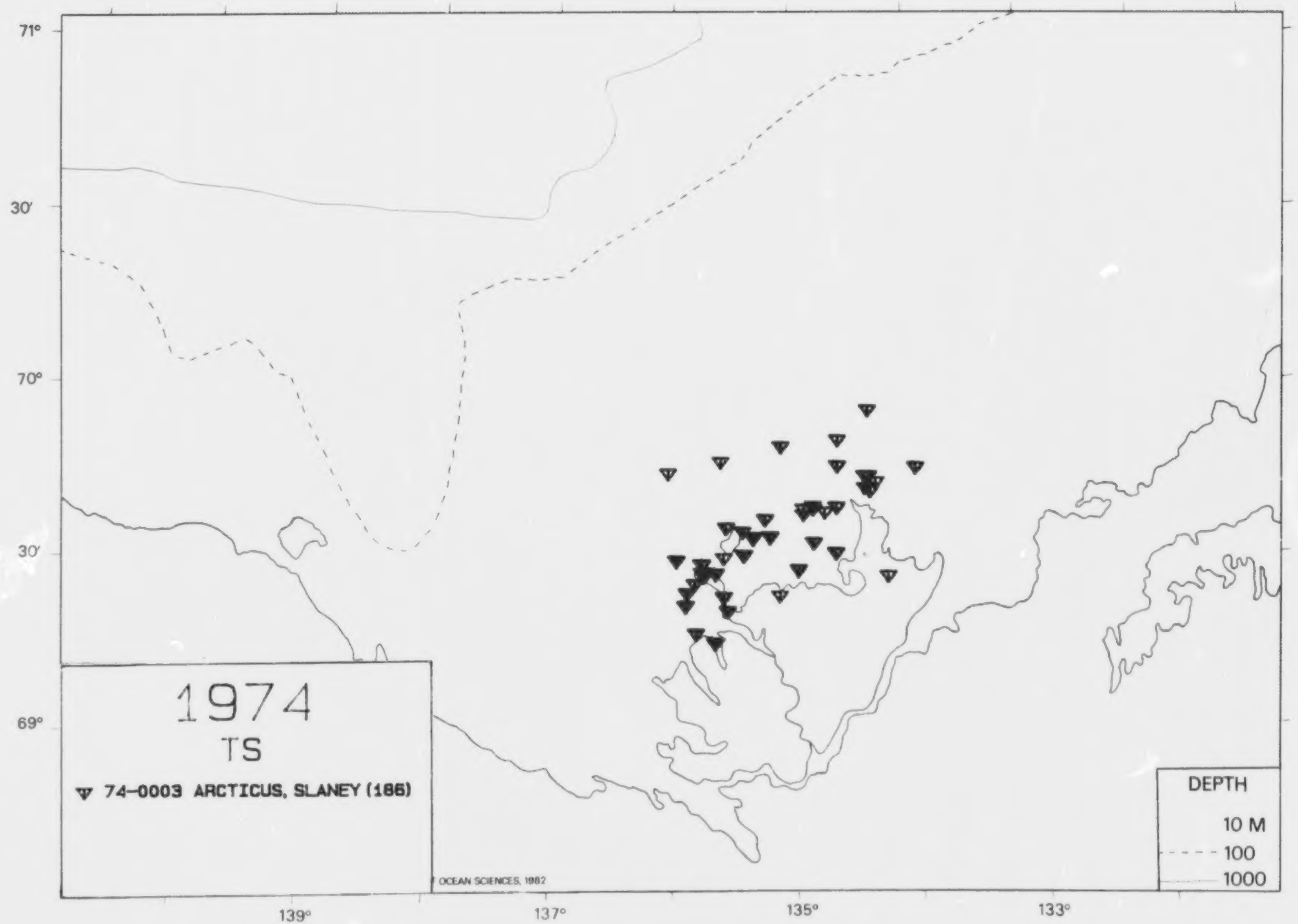

1973
TS
Δ 73-0001 SLANEY (7)
⊡ 73-0002 ARCTIC BIOL STN (19)
▽ 73-0003A ARCTIC BIOL STN (22)
◇ 73-0003B ARCTIC BIOL STN (68)
73-0016 SLANEY (3)
⊠ 73-0023 AQUATIC ENV (7)
◁ 73-0125 ARCTIC BIOL STN (13)
✦ 73-0004 MOORING (1)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°

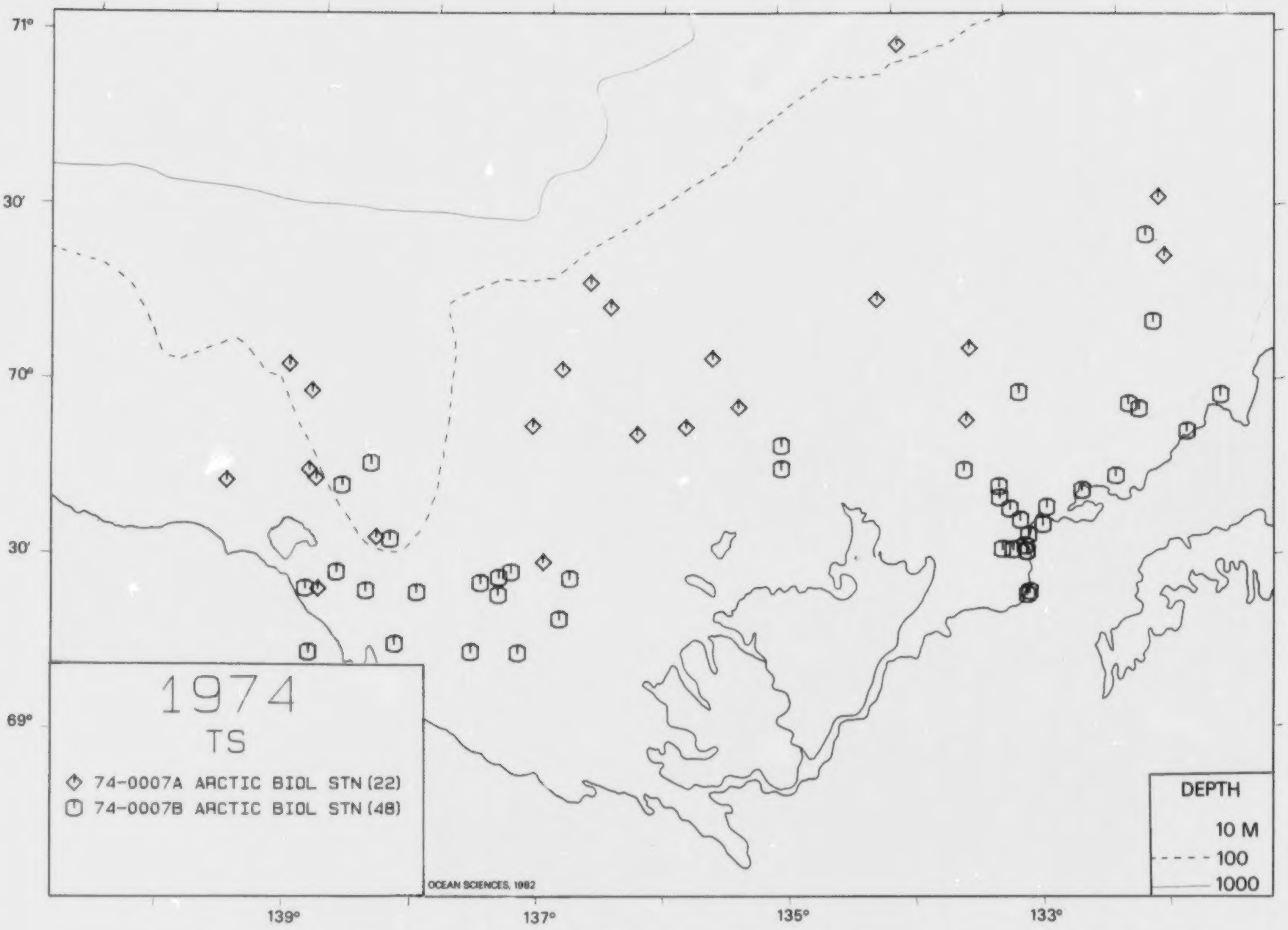

1973
TS
△ 73-0001 SLANEY (7)
☐ 73-0002 ARCTIC BIOL STN (15)
▽ 73-0003A ARCTIC BIOL STN (22)
◇ 73-0003B ARCTIC BIOL STN (68)
○ 73-0016 SLANEY (3)
☒ 73-0125 ARCTIC BIOL STN (13)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
127°
129°
131°
133°
135°
71°
30'
70°
30'
69°

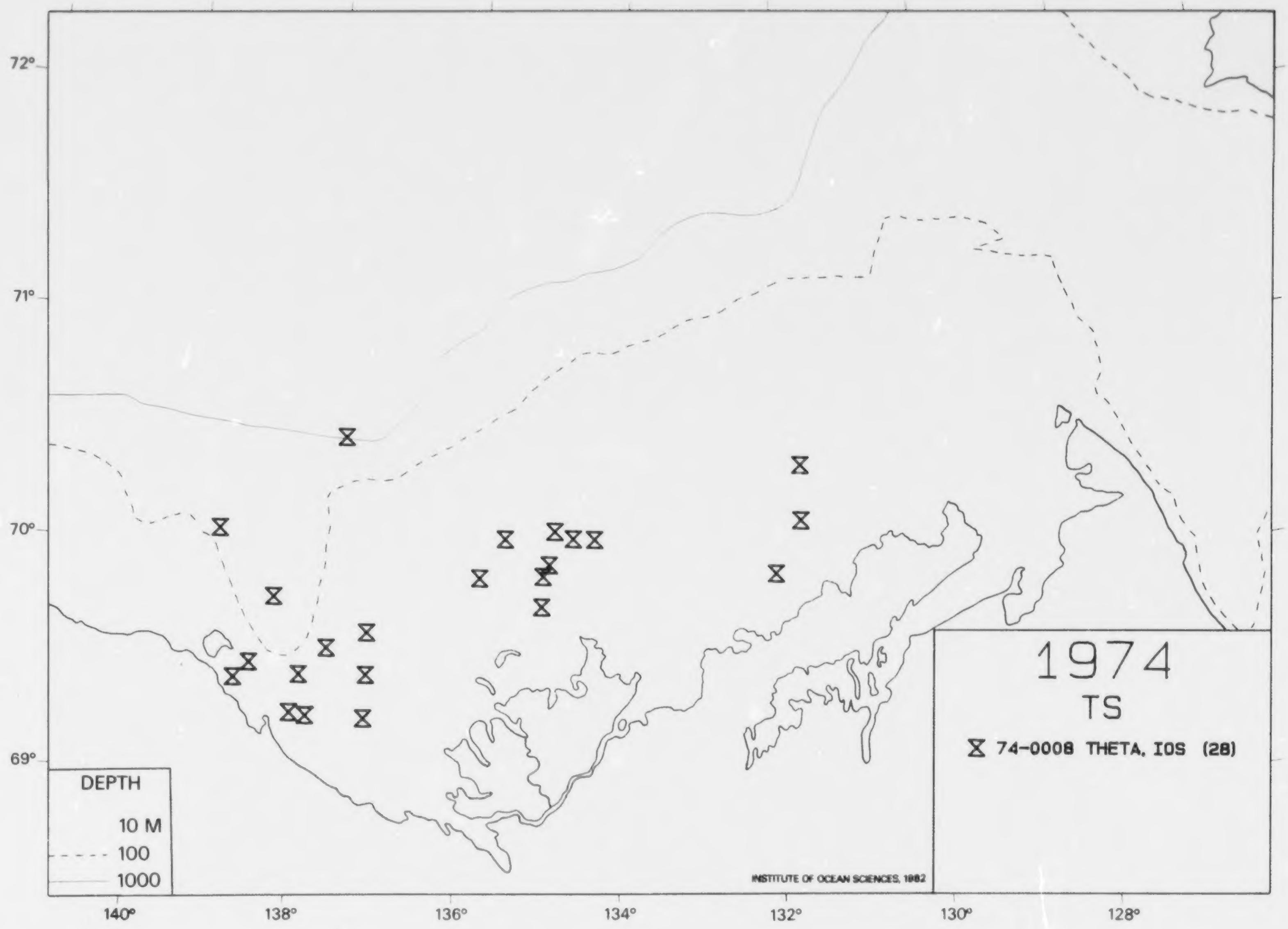

1973
CM
△ 73-0001 SLANEY (7)
WL
+ 61-0002 CHS (1)
× 66-0001 CHS (1)
◇ 72-0009 CHS (1)
⊡ 73-0004 CHS (6)
⧖ 73-0019 SLANEY (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

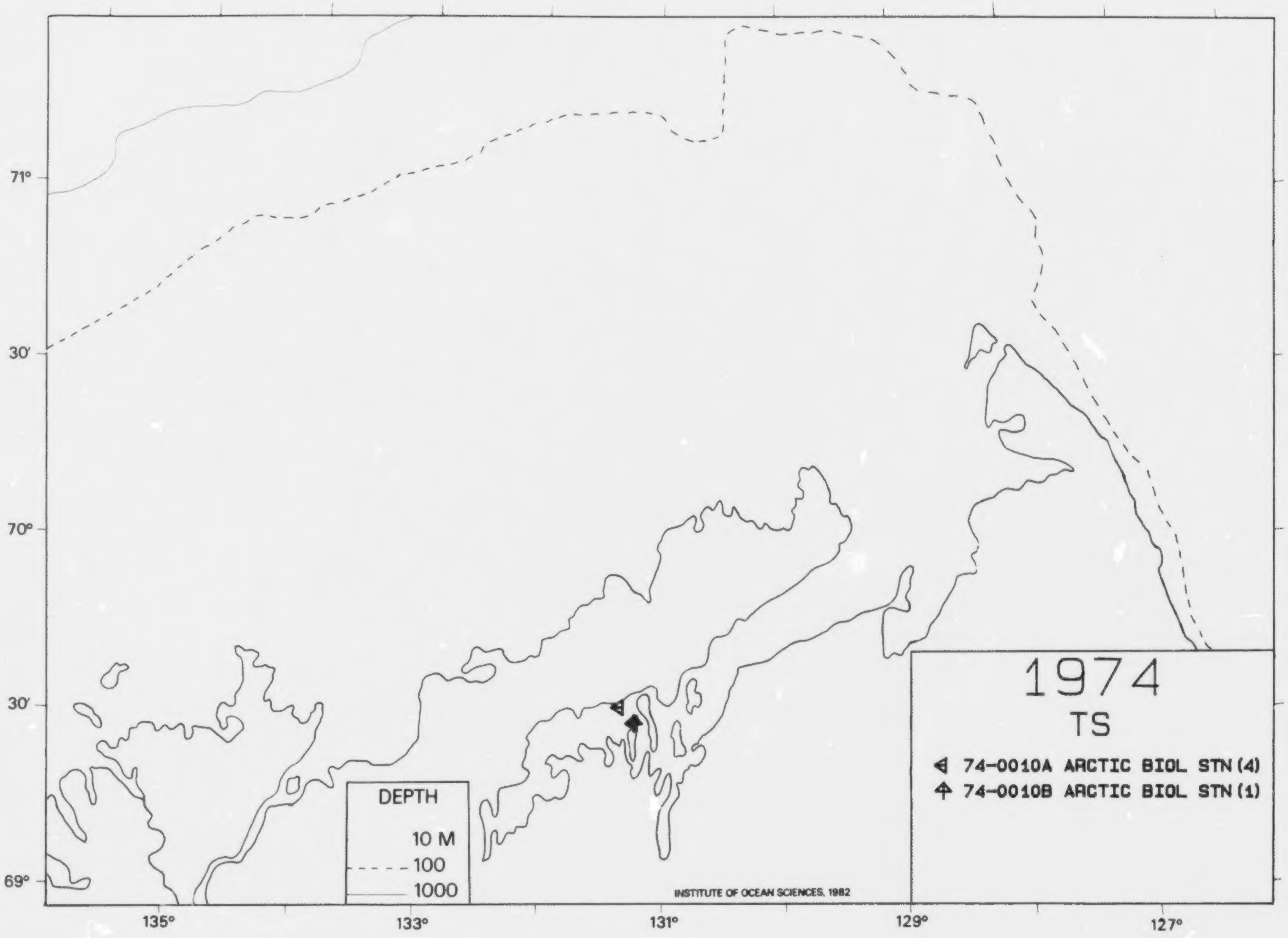

1974
TS
△ 74-0001 SLANEY (39)
□ 74-0002 THETA (126)
▽ 74-0003 ARCTICUS, SLANEY (186)
◇ 74-0007A THETA, ARCTIC BI (23)
○ 74-0007B ARCTIC BIOL STN (48)
⧗ 74-0008 THETA, IOS (28)
74-0010A ARCTIC BIOL STN (4)
74-0010B ARCTIC BIOL STN (1)
✱ 74-0010C ARCTIC BIOL STN (32)
74-0011 AQ.ENV.LTD. (23)
⋈ 74-0019 SLANEY (50)
74-0021 DEPT. ENV. (18)
X 74-0022 AQ.ENV.LTD. (13)
Z 74-0027A NORCOR (5)
Y 74-0027B BEAUF.SEA PROJ. (1)
X 74-0005 MOORING (2)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

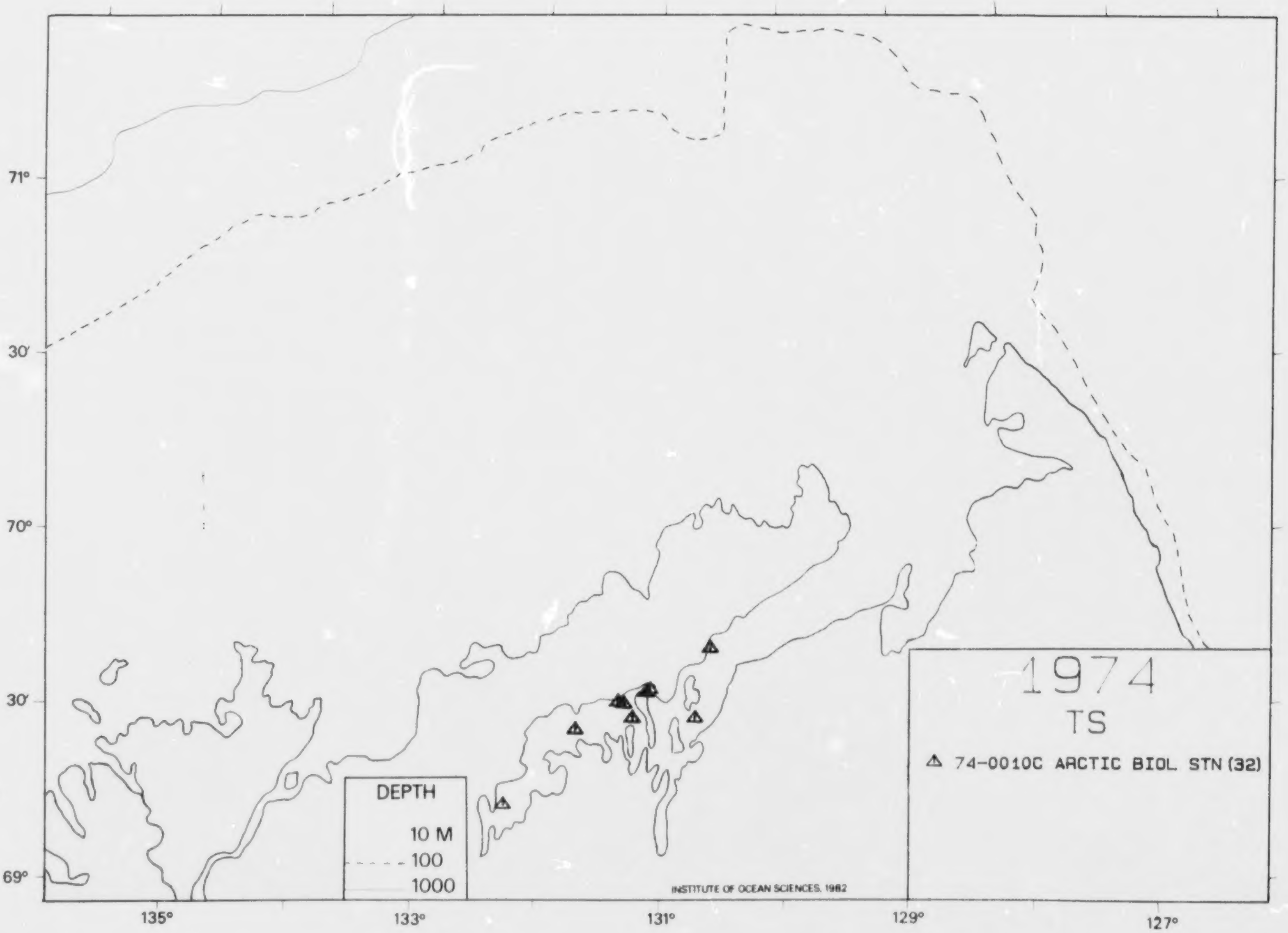

1974
TS
△ 74-0001 SLANEY (39)
☐ 74-0002 THETA (126)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30′
70°
30′
69°
139°
137°
135°
133°

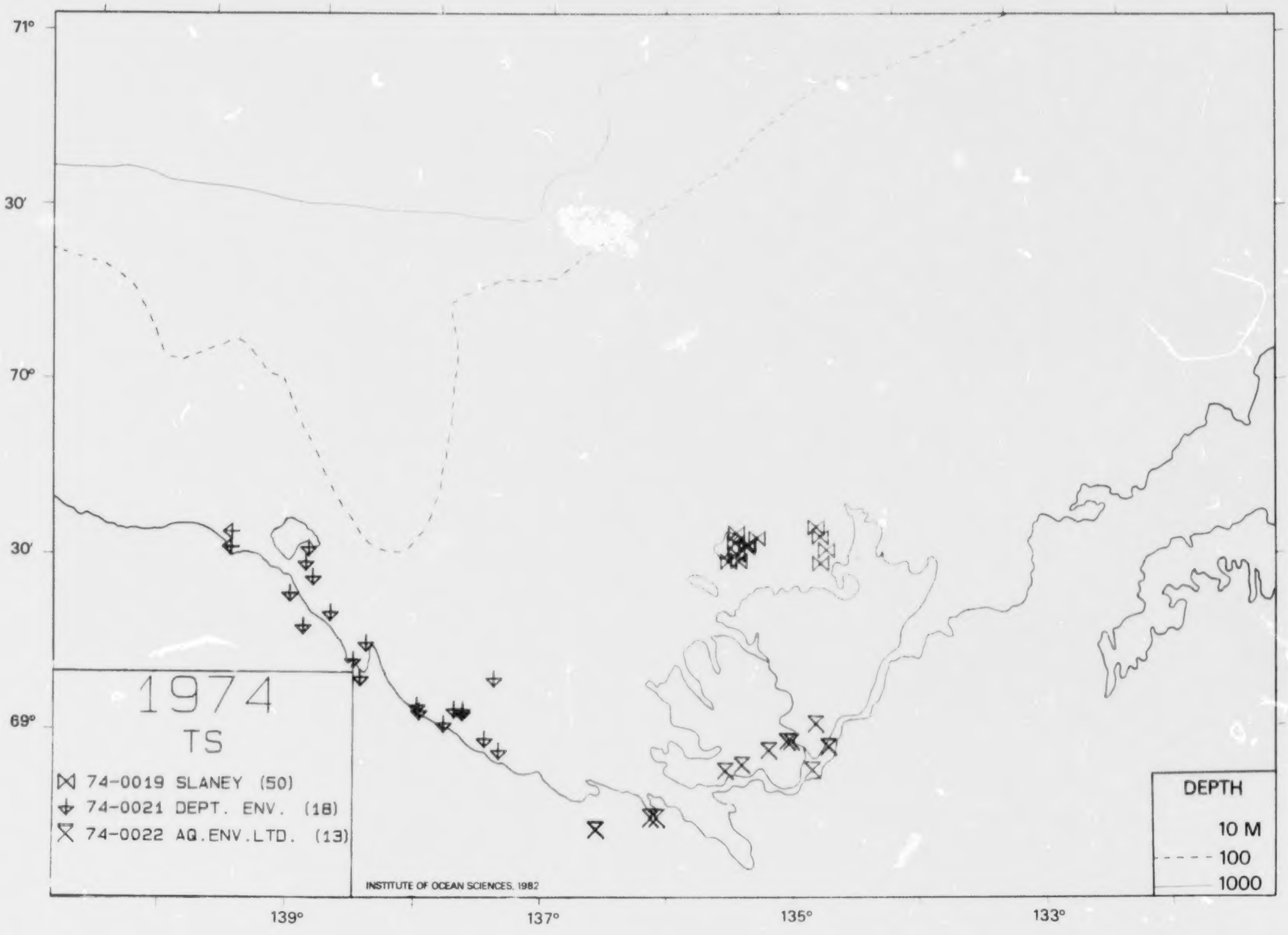

71°
30′
70°
30′
69°
139°
137°
135°
133°
1974
TS
74-0003 ARCTICUS, SLANEY (186)
DEPTH
10 M
100
1000
OCEAN SCIENCES, 1982

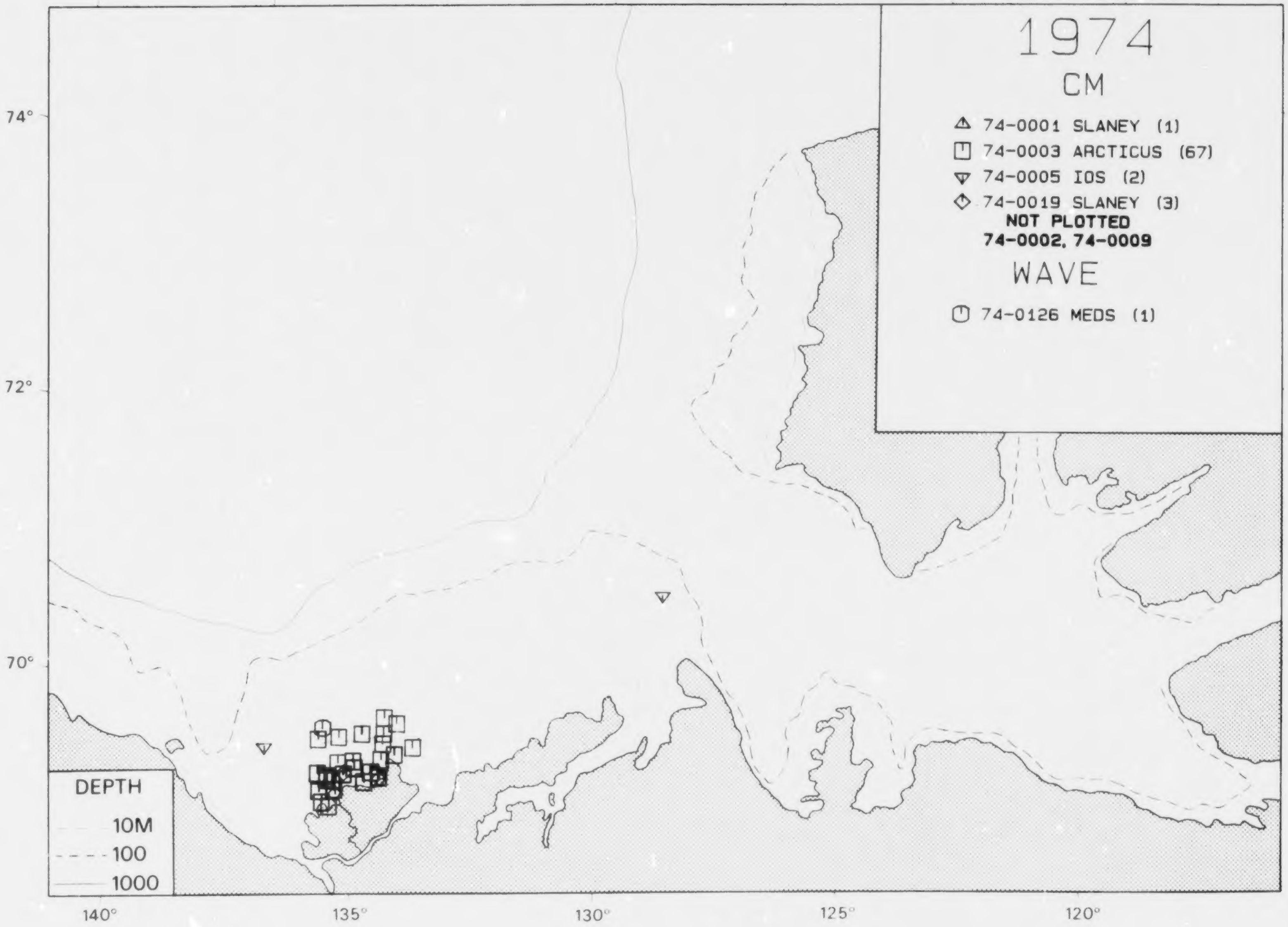

71°
30′
70°
30′
69°
139°
137°
135°
133°
1974
TS
◇ 74-0007A ARCTIC BIOL STN (22)
▢ 74-0007B ARCTIC BIOL STN (48)
OCEAN SCIENCES, 1982
DEPTH
10 M
100
1000

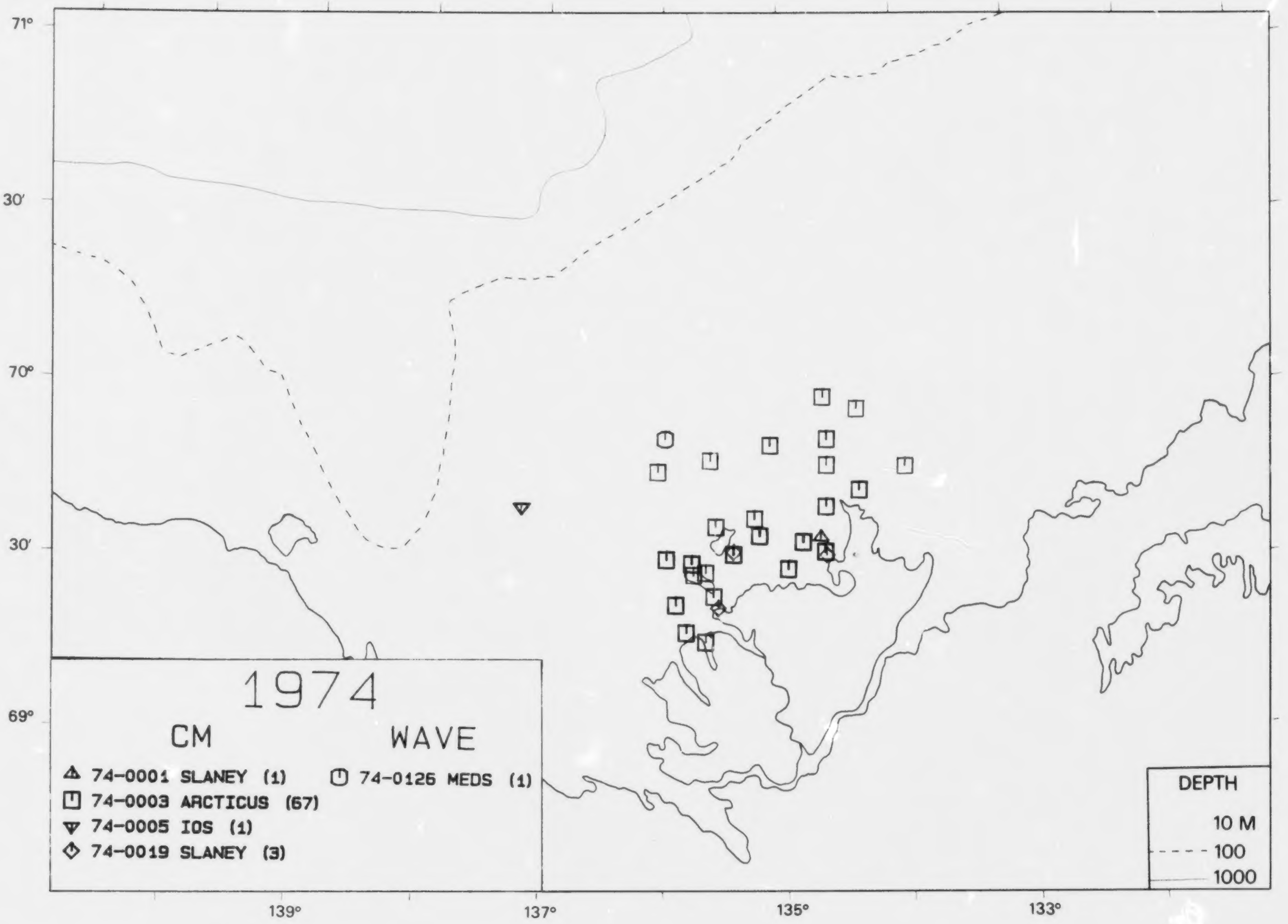

1974
TS
⧗ 74-0008 THETA, IOS (28)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°

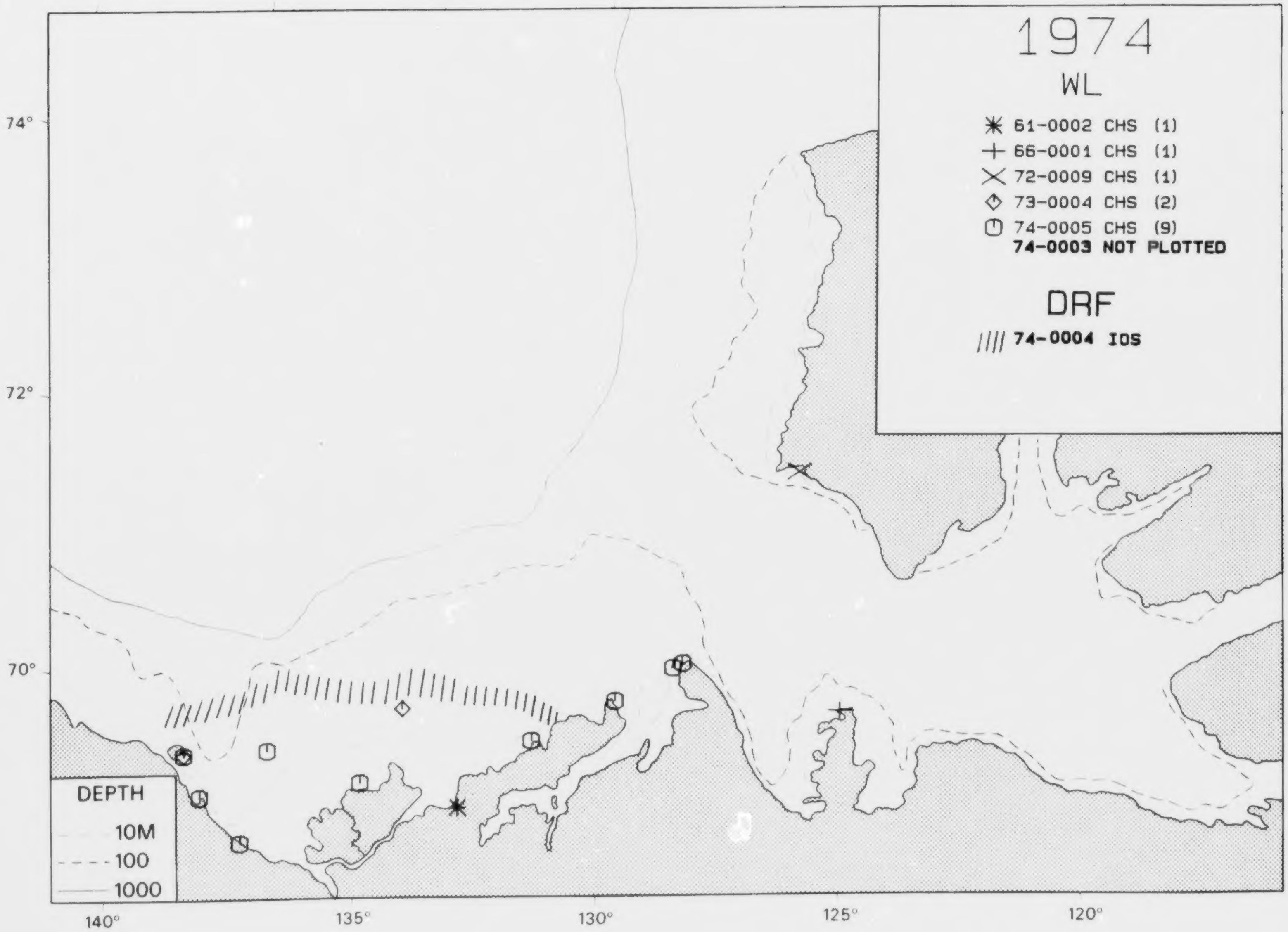

1974
TS
◁ 74-0010A ARCTIC BIOL STN (4)
✧ 74-0010B ARCTIC BIOL STN (1)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30′
70°
30′
69°
135°
133°
131°
129°
127°

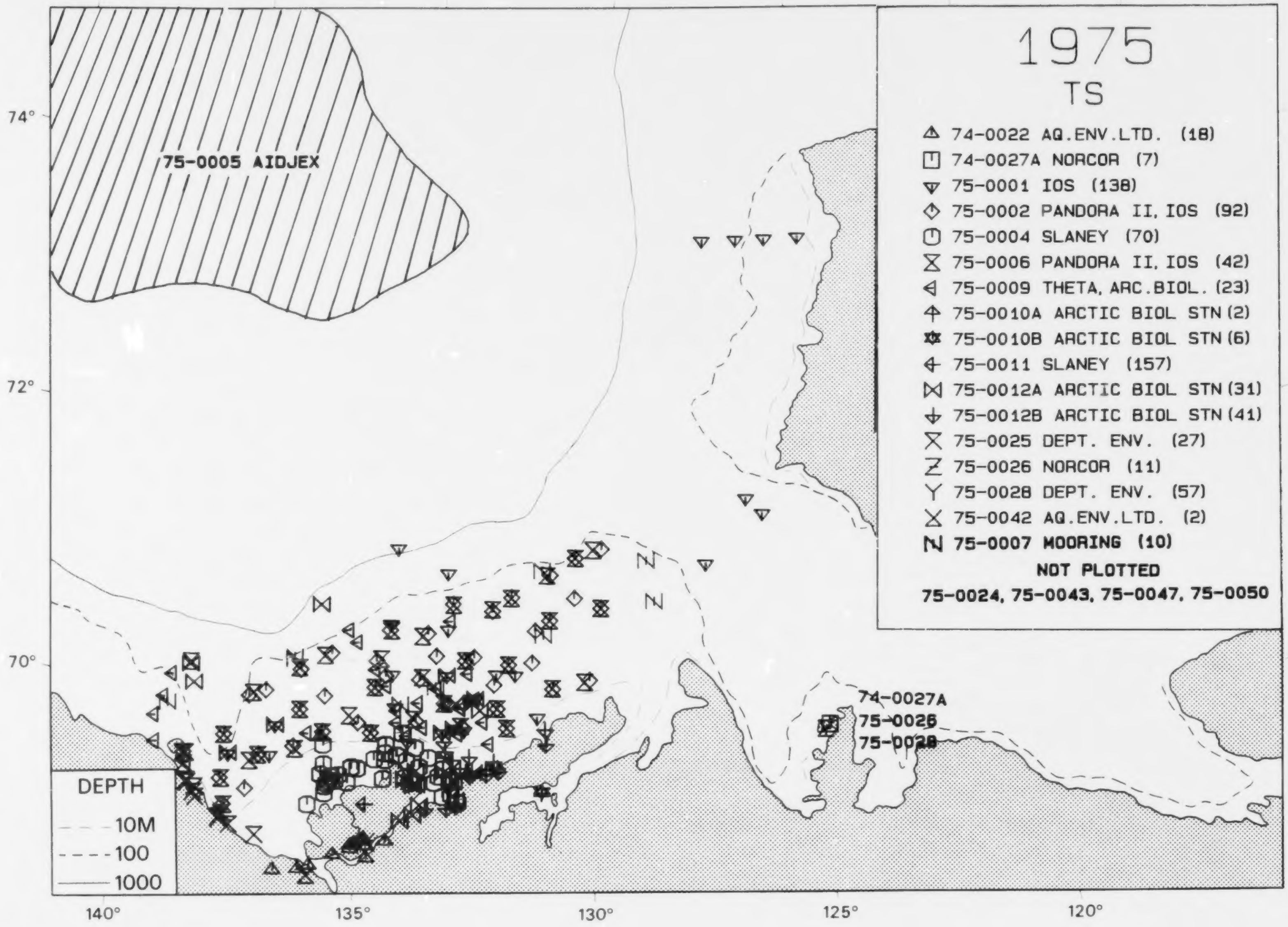

71°
30'
70°
30'
69°
135°
133°
131°
129°
127°
1974
TS
⚠ 74-0010C ARCTIC BIOL STN (32)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982

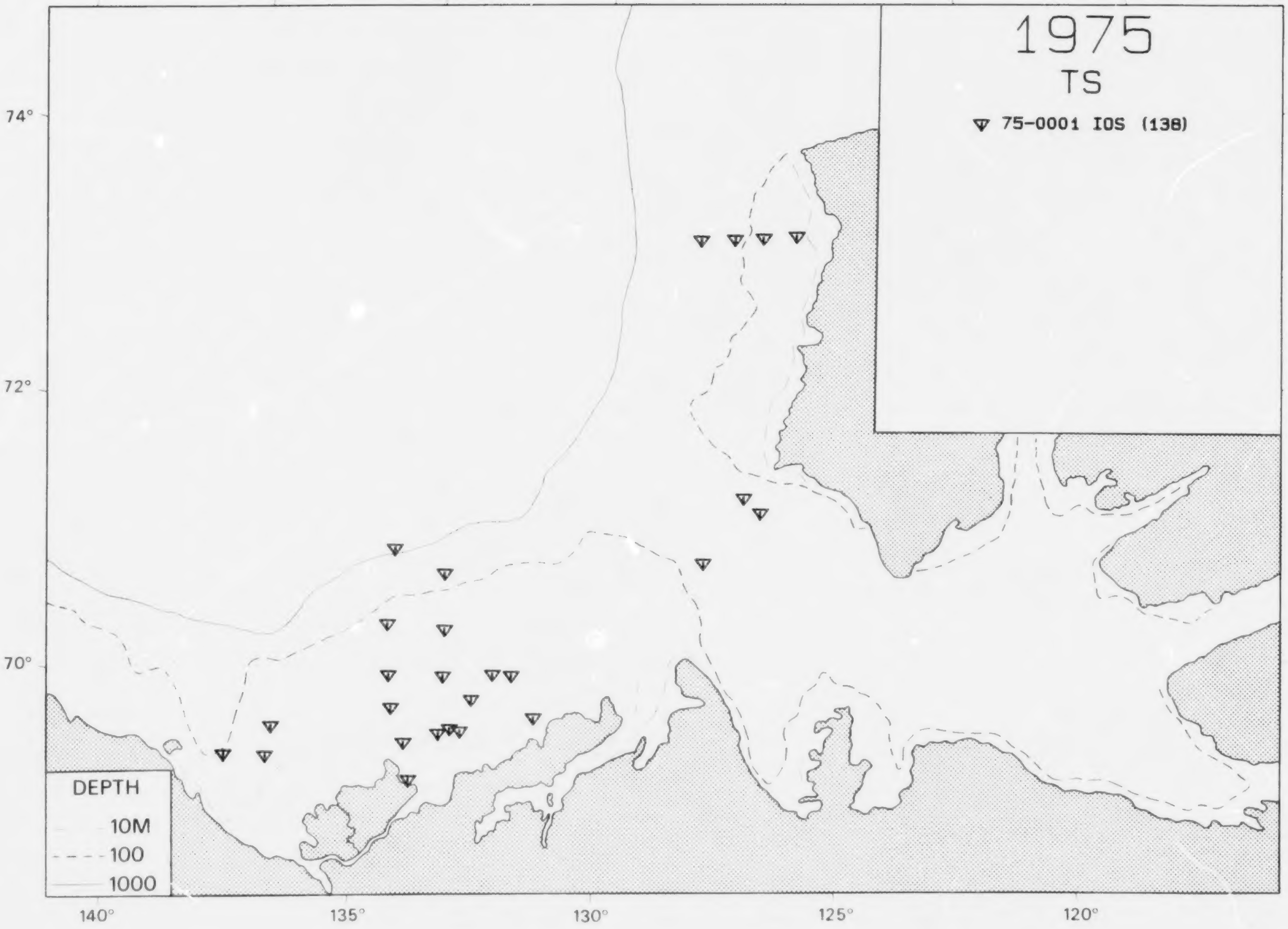

1974
TS
⋈ 74-0019 SLANEY (50)
74-0021 DEPT. ENV. (18)
74-0022 AQ.ENV.LTD. (13)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30′
70°
30′
69°
139°
137°
135°
133°

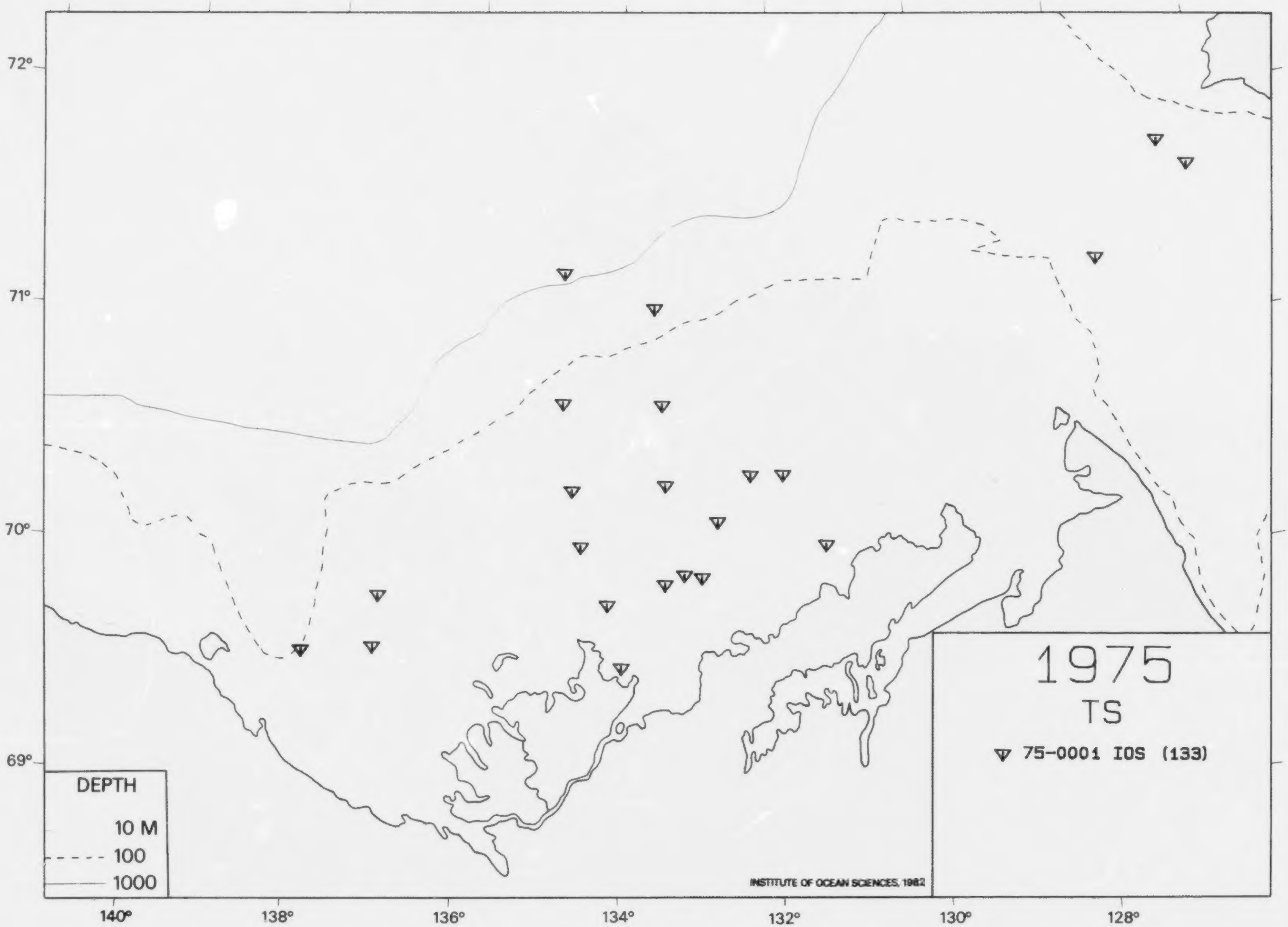

1974
CM
△ 74-0001 SLANEY (1)
☐ 74-0003 ARCTICUS (67)
▽ 74-0005 IOS (2)
◇ 74-0019 SLANEY (3)
NOT PLOTTED
74-0002, 74-0009
WAVE
○ 74-0126 MEDS (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

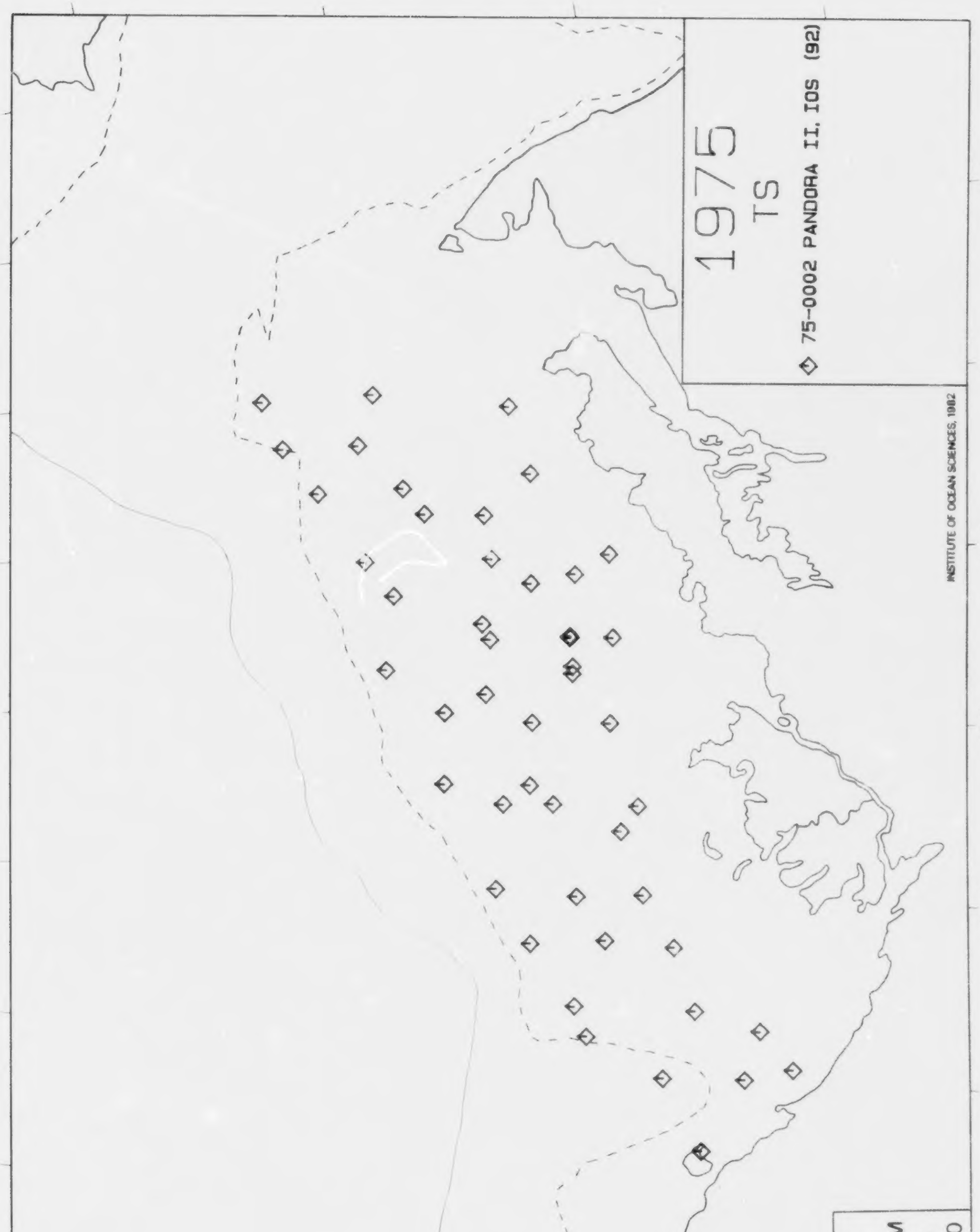

71°
30′
70°
30′
69°
139°
137°
135°
133°
1974
CM
WAVE
74-0001 SLANEY (1)
74-0003 ARCTICUS (67)
74-0005 IOS (1)
74-0019 SLANEY (3)
74-0126 MEDS (1)
DEPTH
10 M
100
1000

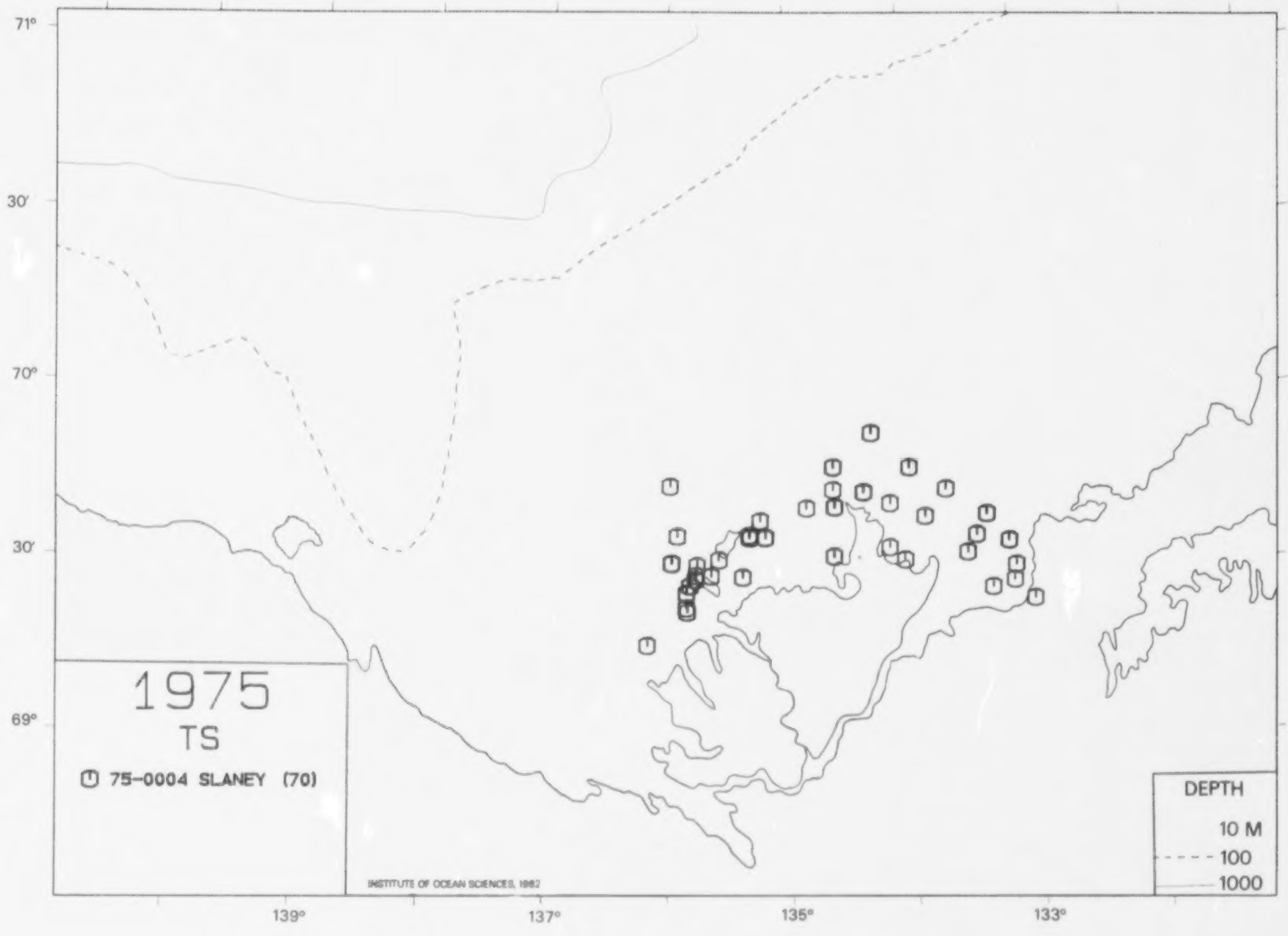

1974
WL
✱ 61-0002 CHS (1)
+ 66-0001 CHS (1)
× 72-0009 CHS (1)
◇ 73-0004 CHS (2)
▢ 74-0005 CHS (9)
74-0003 NOT PLOTTED
DRF
//// 74-0004 IOS
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

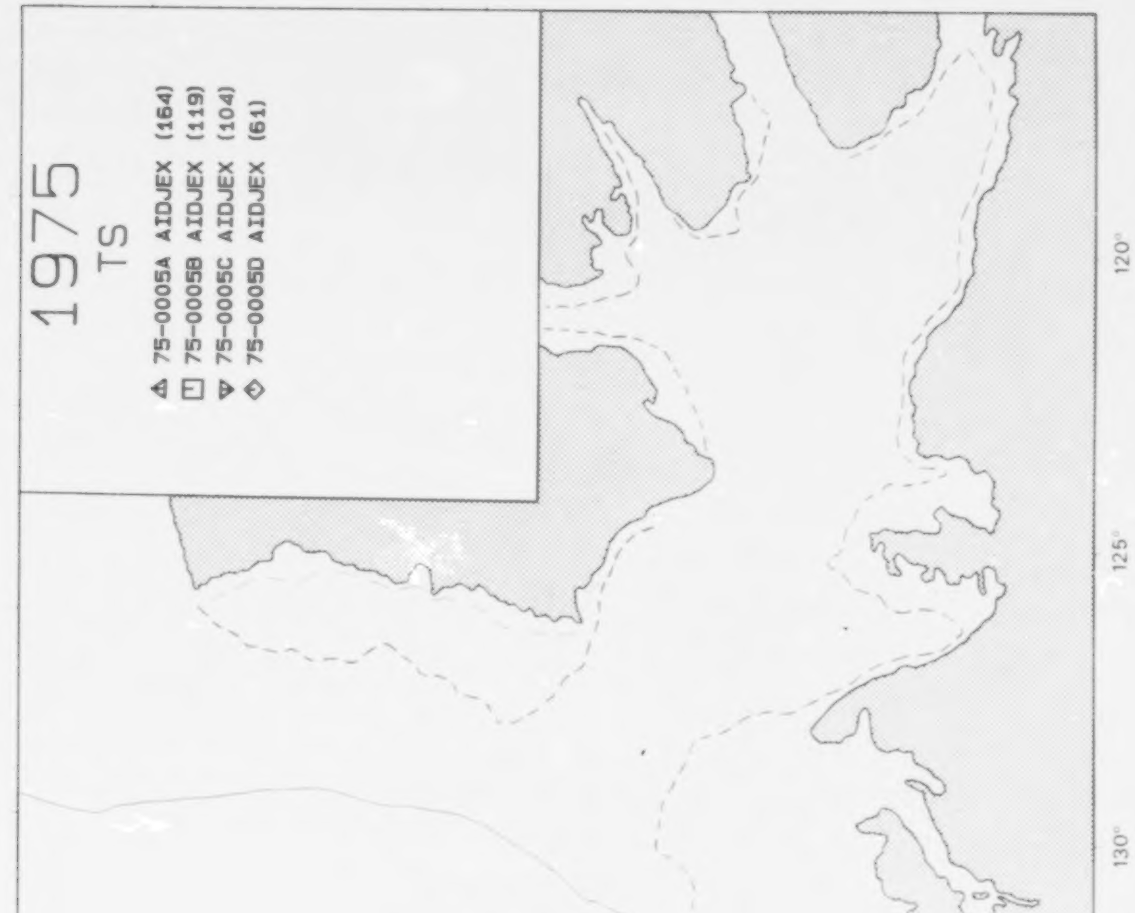

1975
TS
74-0022 AQ.ENV.LTD. (18)
74-0027A NORCOR (7)
75-0001 IOS (138)
75-0002 PANDORA II, IOS (92)
75-0004 SLANEY (70)
75-0006 PANDORA II, IOS (42)
75-0009 THETA, ARC.BIOL. (23)
75-0010A ARCTIC BIOL STN (2)
75-0010B ARCTIC BIOL STN (6)
75-0011 SLANEY (157)
75-0012A ARCTIC BIOL STN (31)
75-0012B ARCTIC BIOL STN (41)
75-0025 DEPT. ENV. (27)
75-0026 NORCOR (11)
75-0028 DEPT. ENV. (57)
75-0042 AQ.ENV.LTD. (2)
75-0007 MOORING (10)
NOT PLOTTED
75-0024, 75-0043, 75-0047, 75-0050
75-0005 AIDJEX
74-0027A
75-0026
75-0028
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

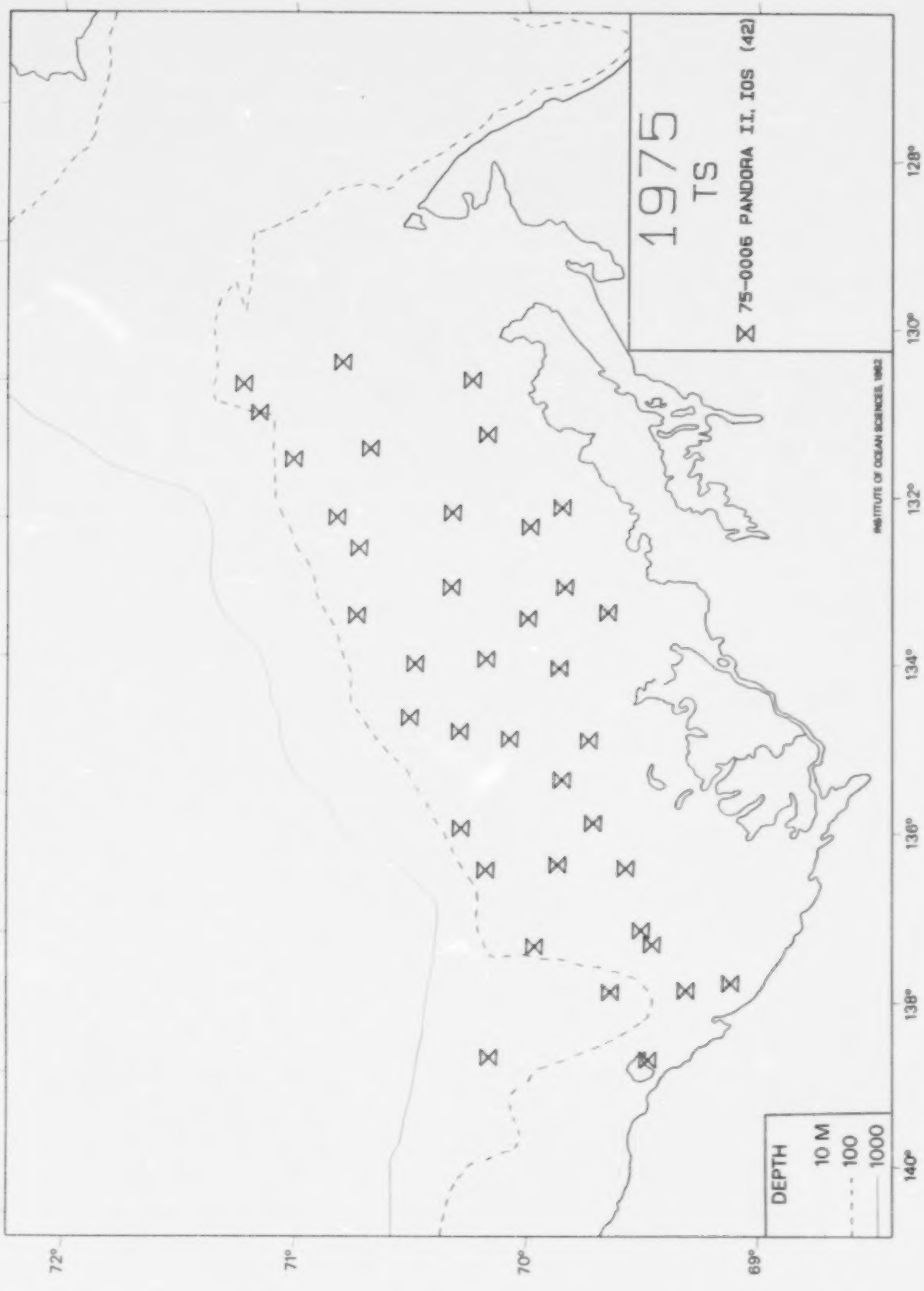

1975
TS
▽ 75-0001 IOS (138)
74°
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°

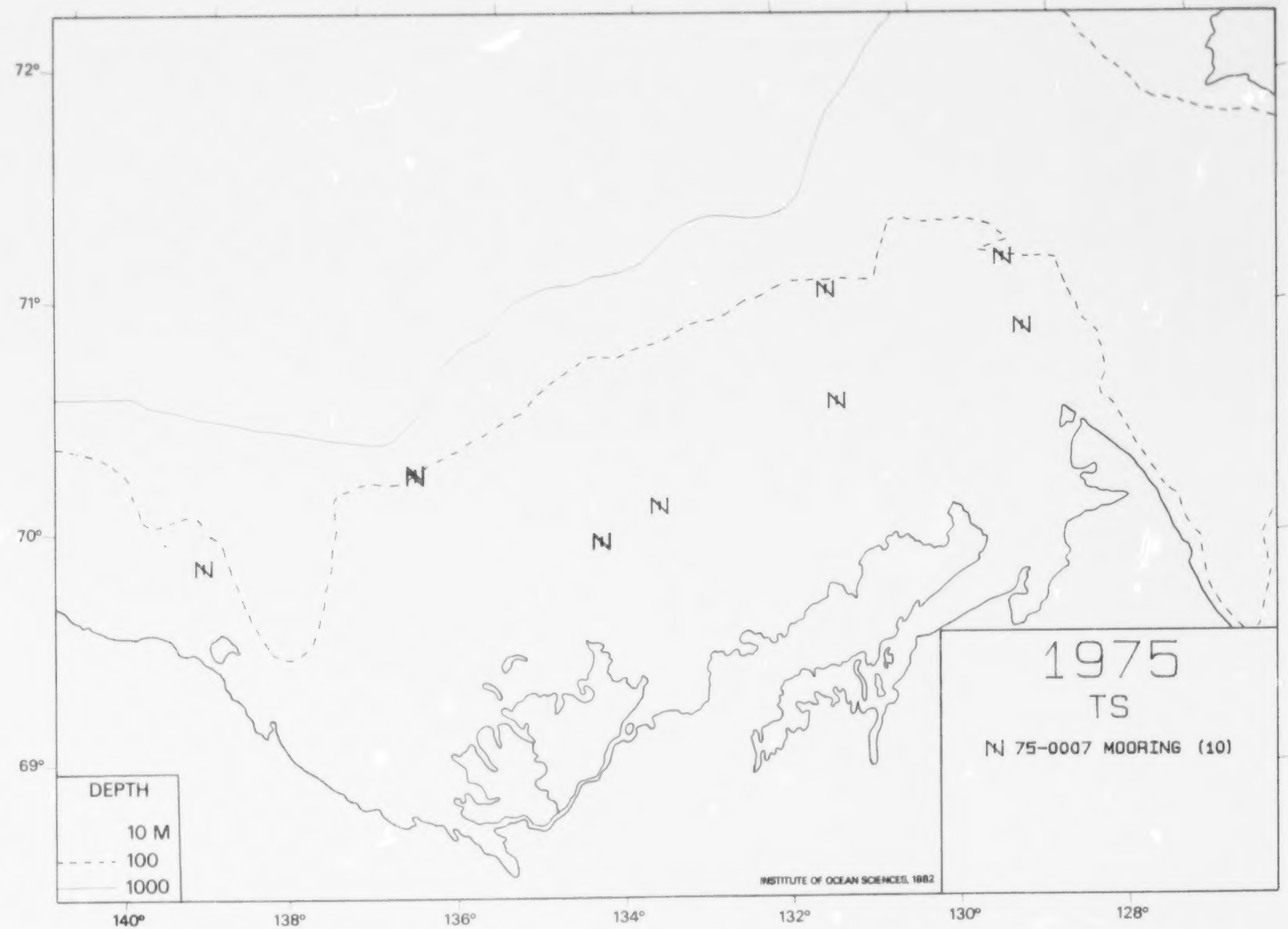

1975
TS
75-0001 IOS (133)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°

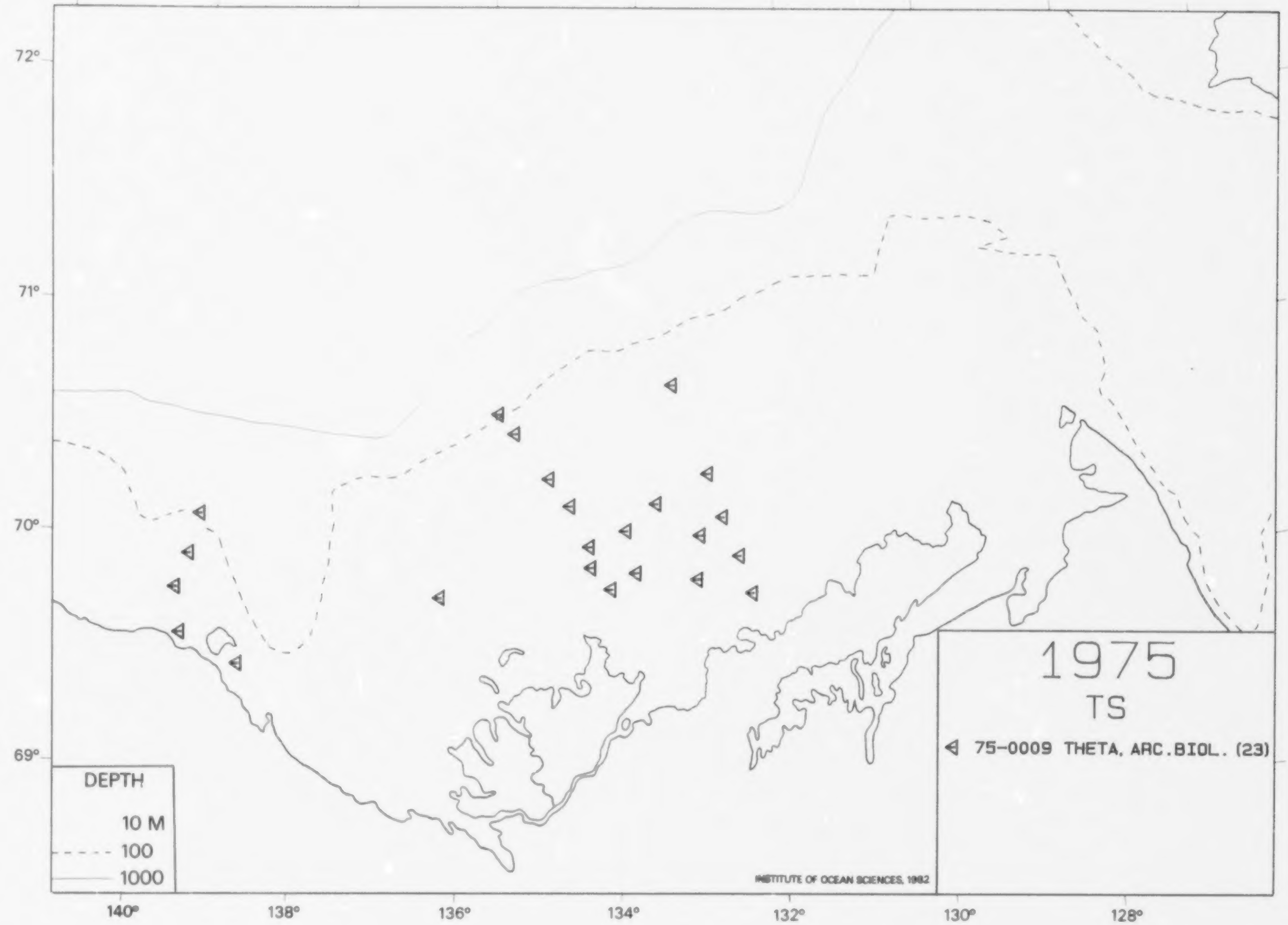

1975
TS
◇ 75-0002 PANDORA II, IOS (92)
INSTITUTE OF OCEAN SCIENCES, 1982
DEPTH
10 M
100
1000
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°


1975
TS
75-0004 SLANEY (70)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30′
70°
30′
69°
139°
137°
135°
133°

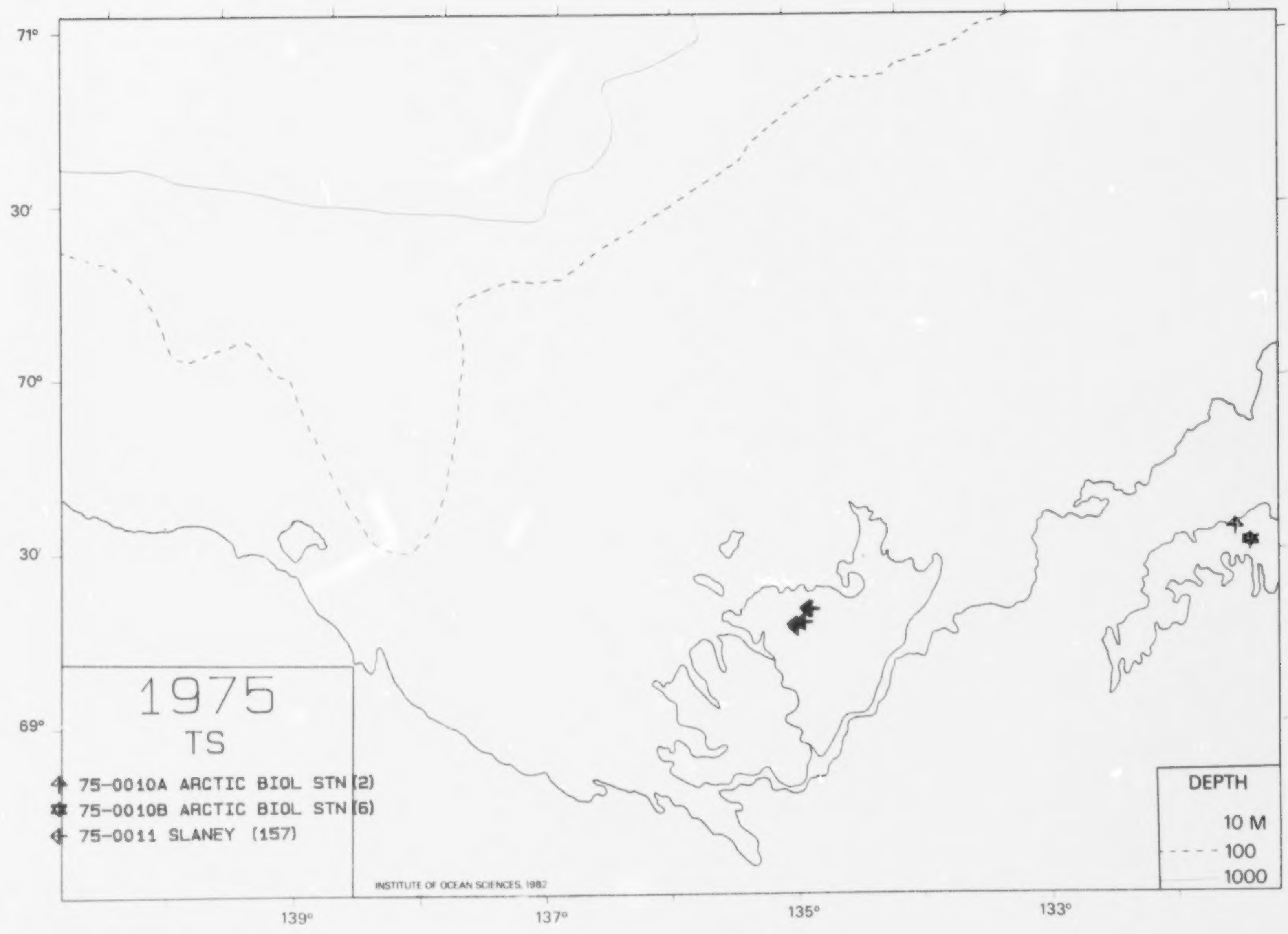

1975
TS
75-0005A AIDJEX (164)
75-0005B AIDJEX (119)
75-0005C AIDJEX (104)
75-0005D AIDJEX (61)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

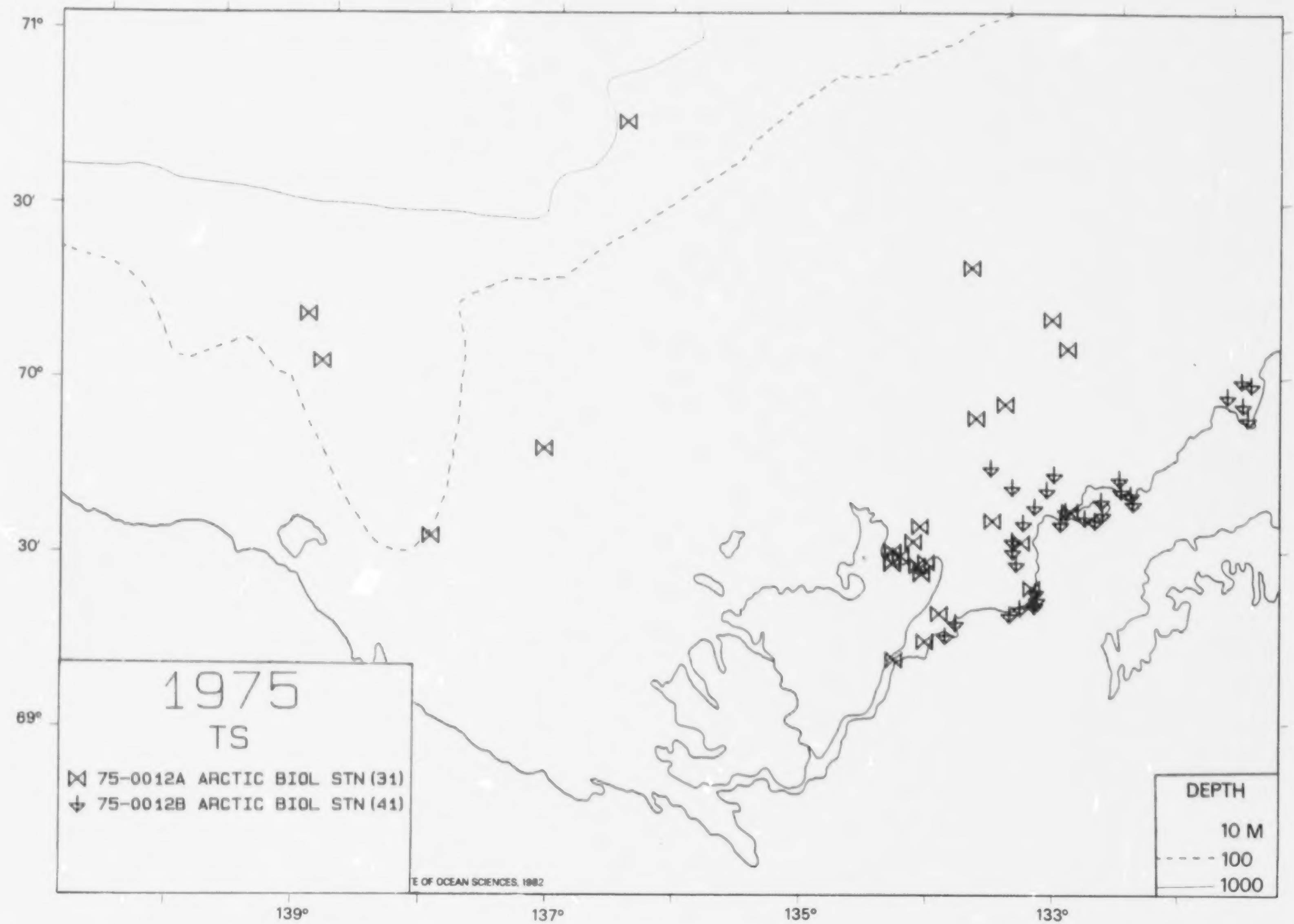

1975
TS
75-0006 PANDORA II, IOS (42)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°

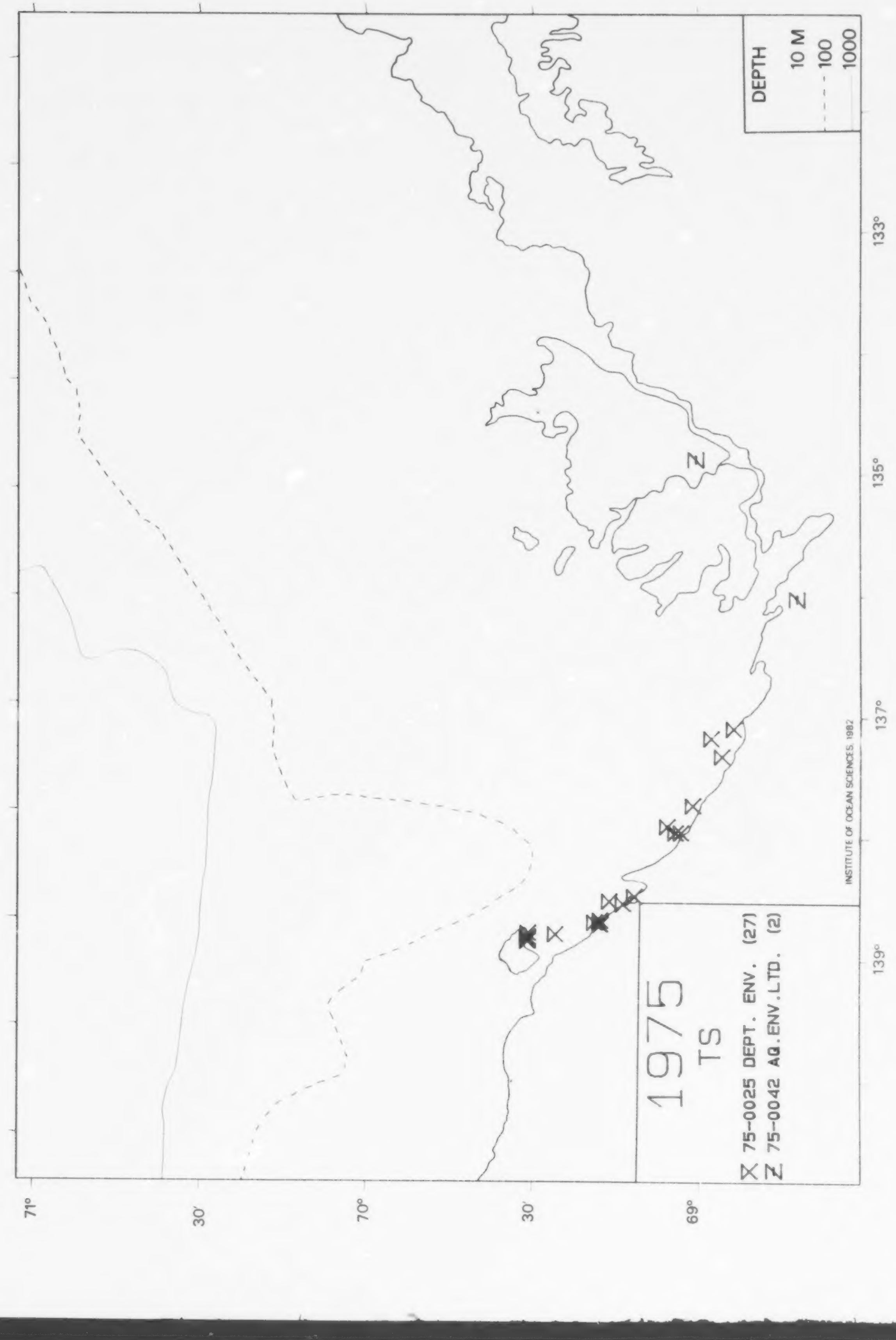

1975
TS
75-0007 MOORING (10)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°

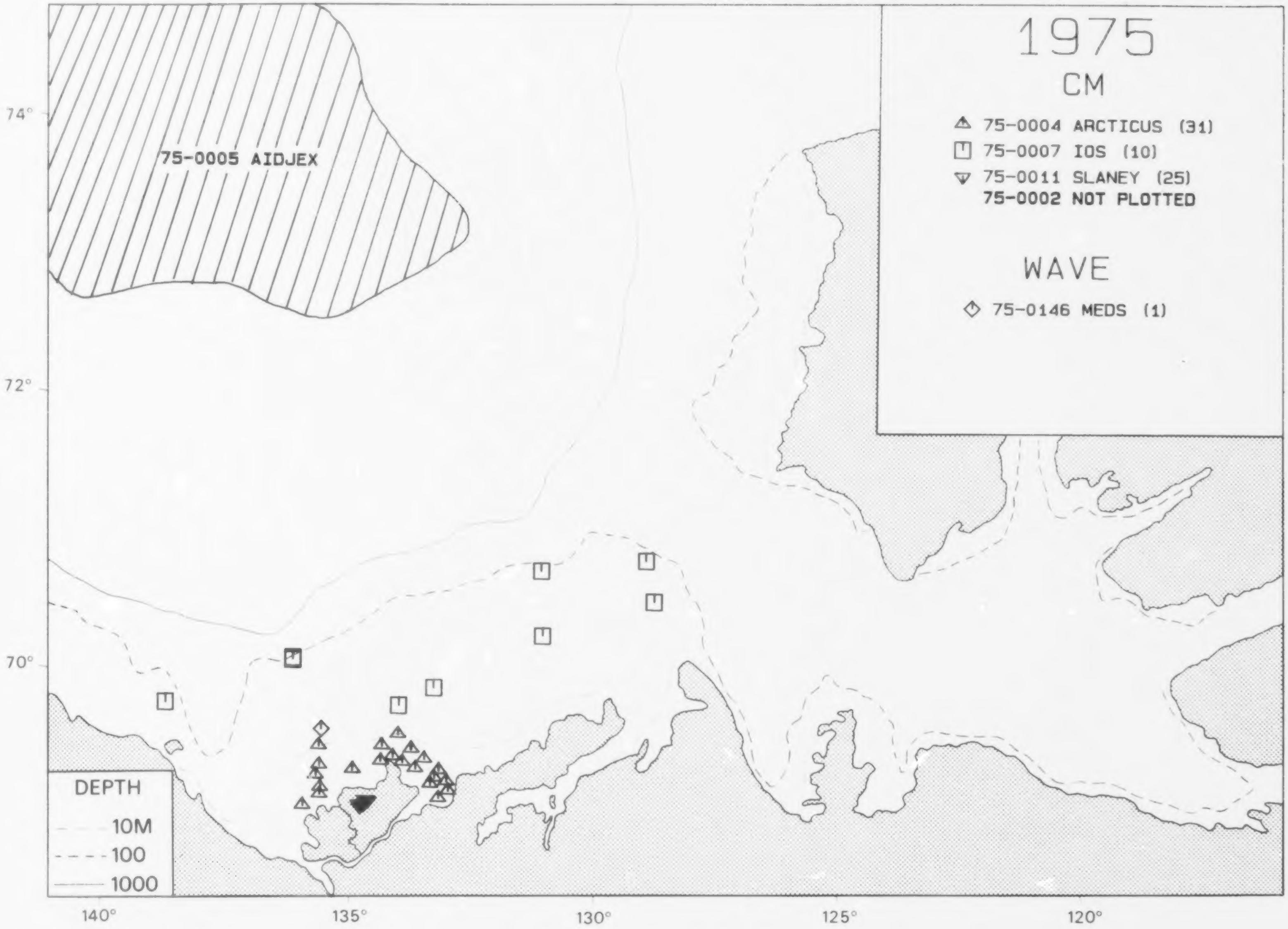


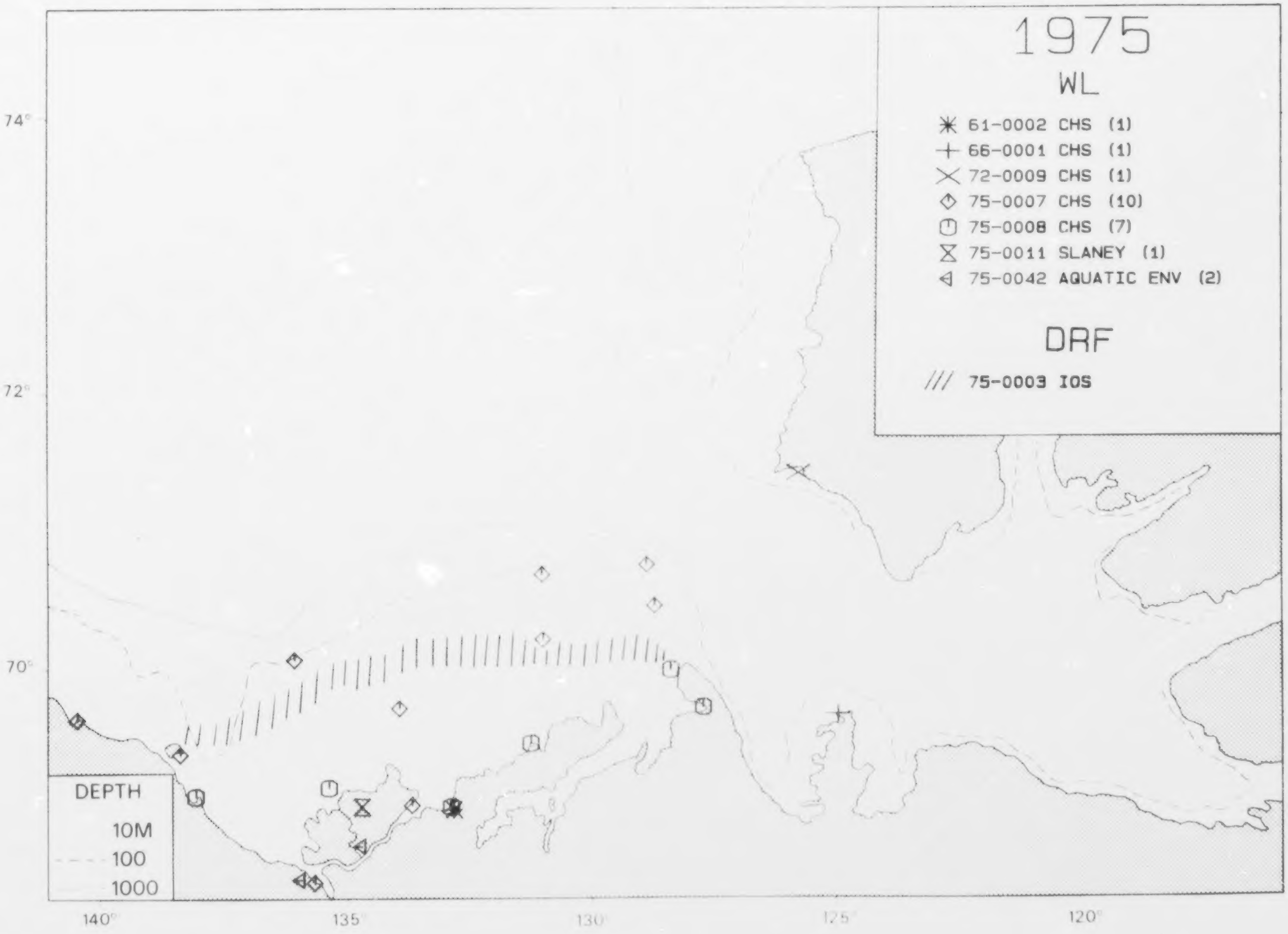
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°
DEPTH
10 M
100
1000
1975
TS
◁ 75-0009 THETA, ARC.BIOL. (23)
INSTITUTE OF OCEAN SCIENCES, 1982

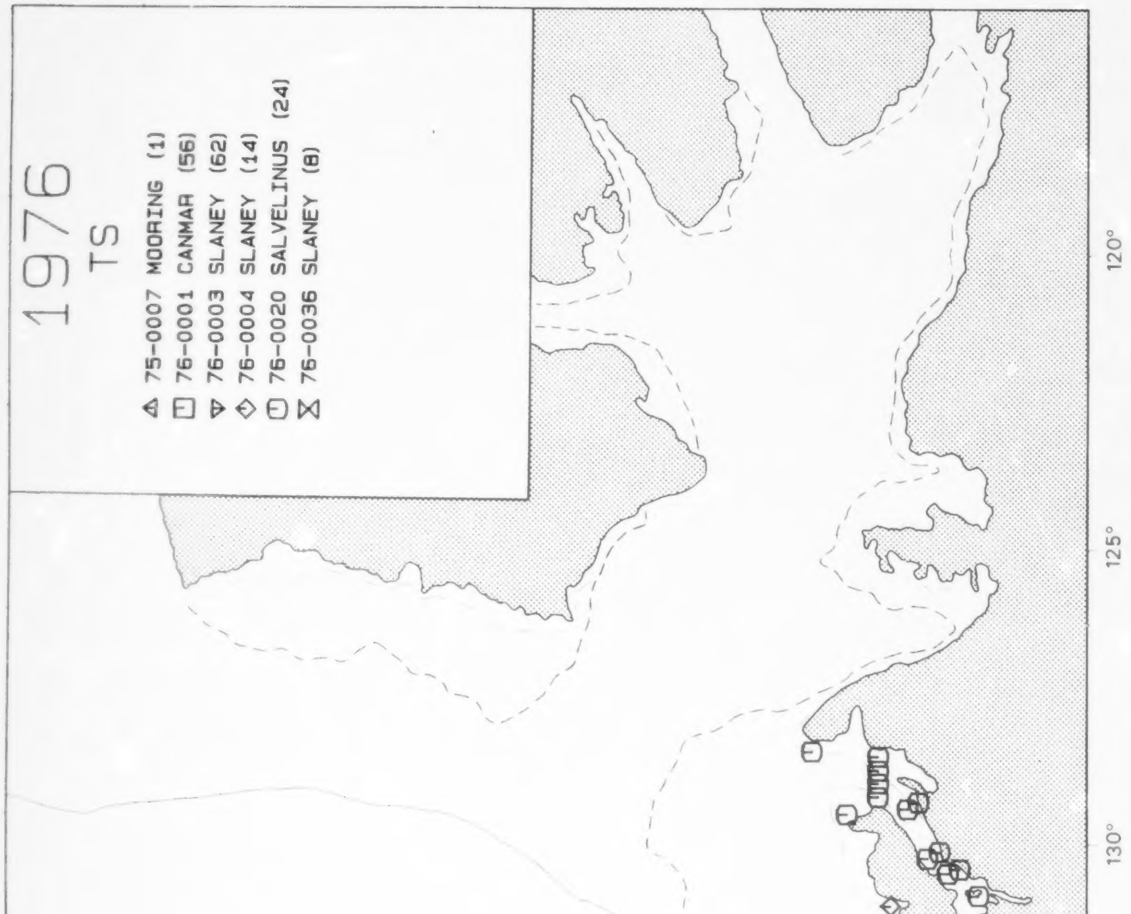

71°
30′
70°
30′
69°
139°
137°
135°
133°
1975
TS
75-0010A ARCTIC BIOL STN (2)
75-0010B ARCTIC BIOL STN (6)
75-0011 SLANEY (157)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982

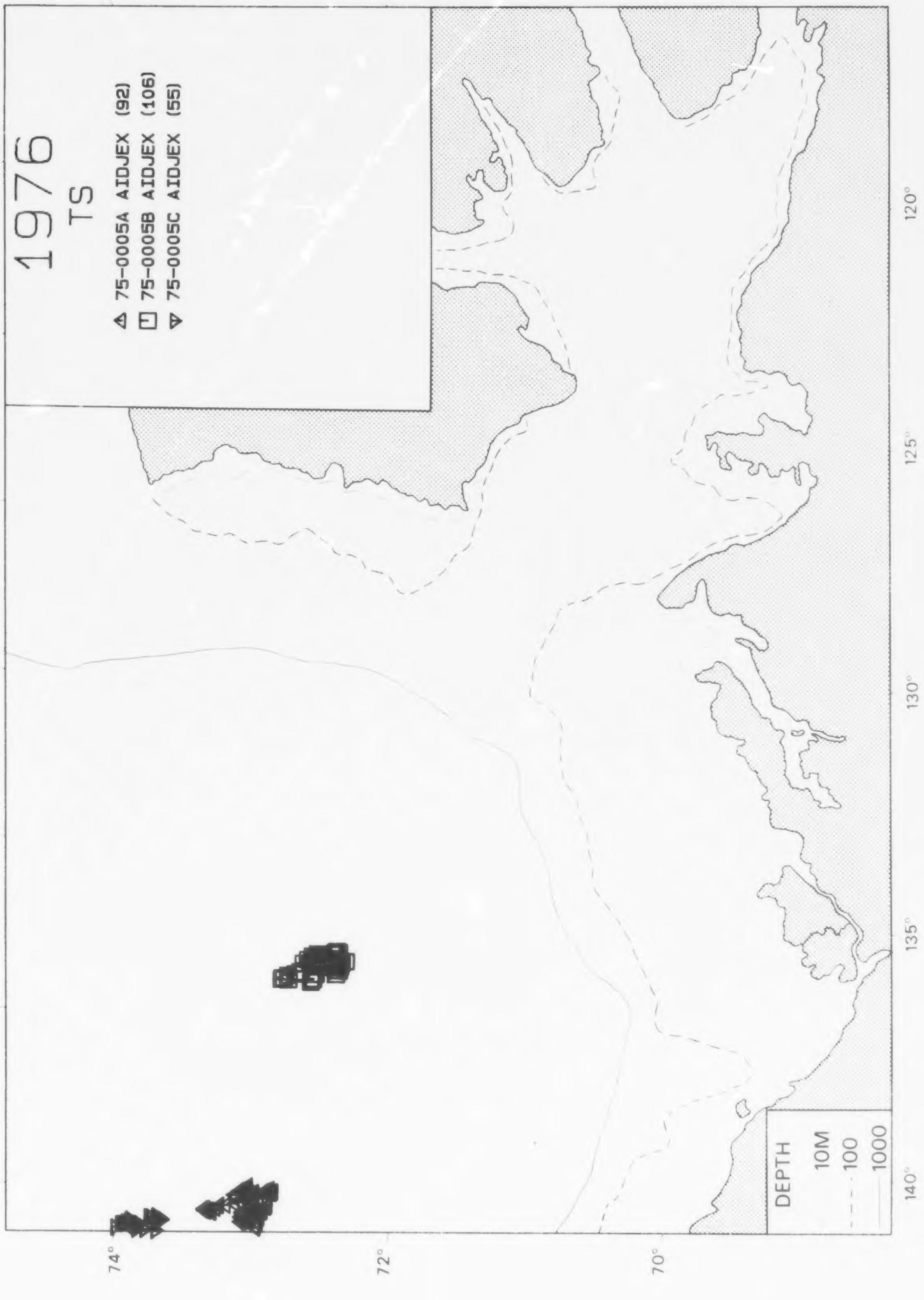

71°
30′
70°
30′
69°
139°
137°
135°
133°
1975
TS
⋈ 75-0012A ARCTIC BIOL STN (31)
↓ 75-0012B ARCTIC BIOL STN (41)
DEPTH
10 M
100
1000
E OF OCEAN SCIENCES, 1982

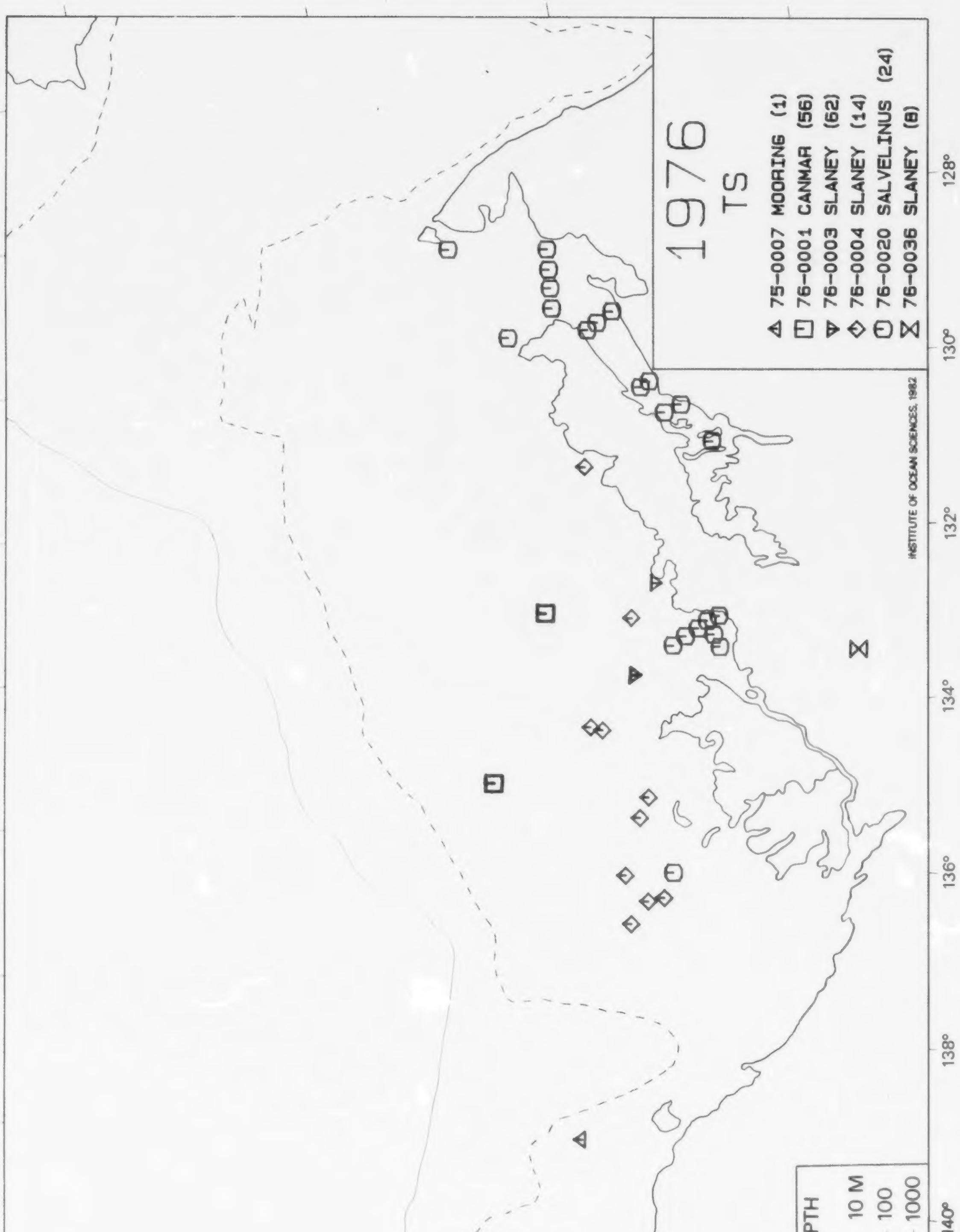

1975
TS
X 75-0025 DEPT. ENV. (27)
Z 75-0042 AQ.ENV.LTD. (2)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30'
70°
30'
69°
133°
135°
137°
139°

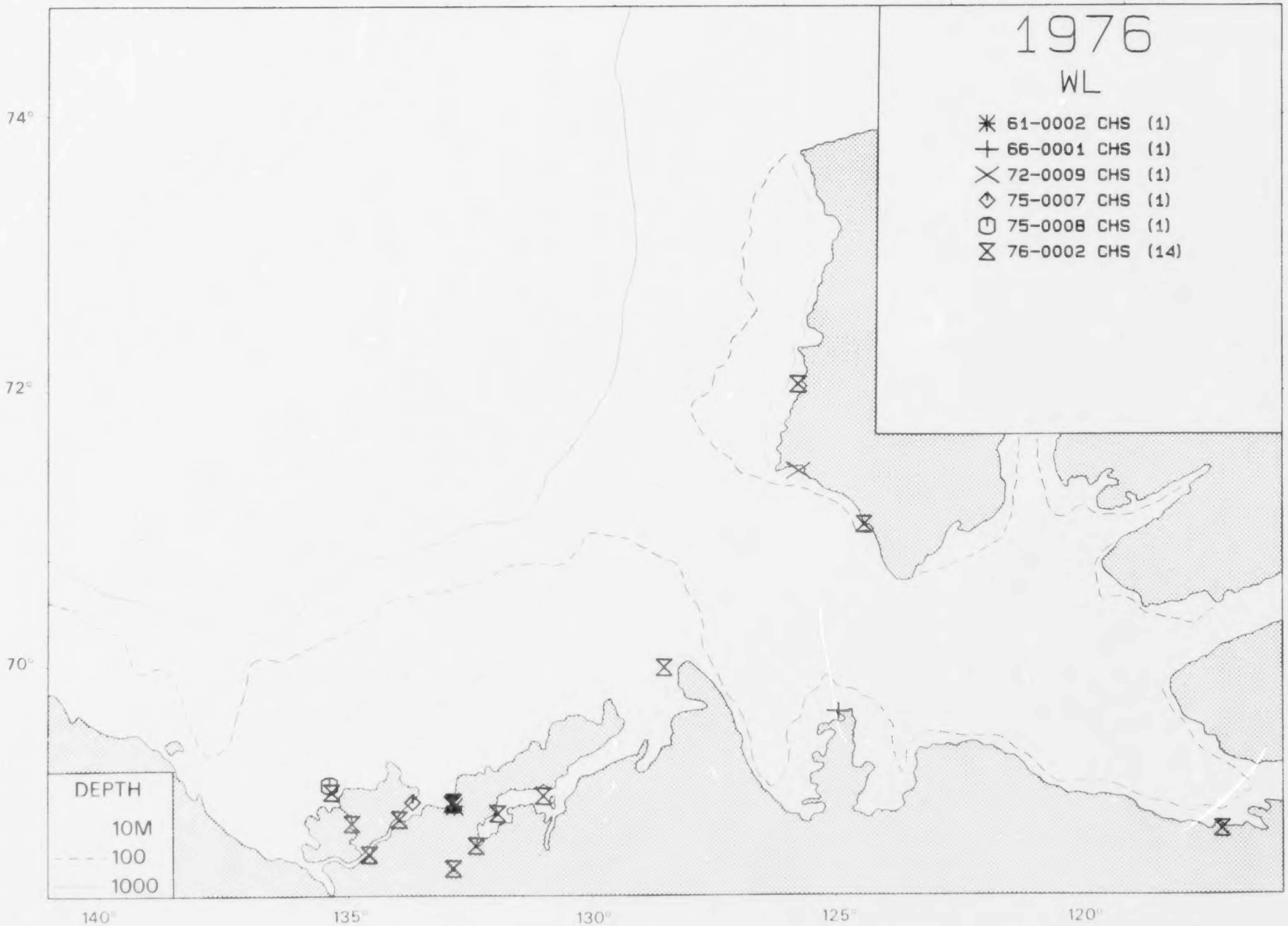

1975
CM
△ 75-0004 ARCTICUS (31)
□ 75-0007 IOS (10)
▽ 75-0011 SLANEY (25)
75-0002 NOT PLOTTED
WAVE
◇ 75-0146 MEDS (1)
75-0005 AIDJEX
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

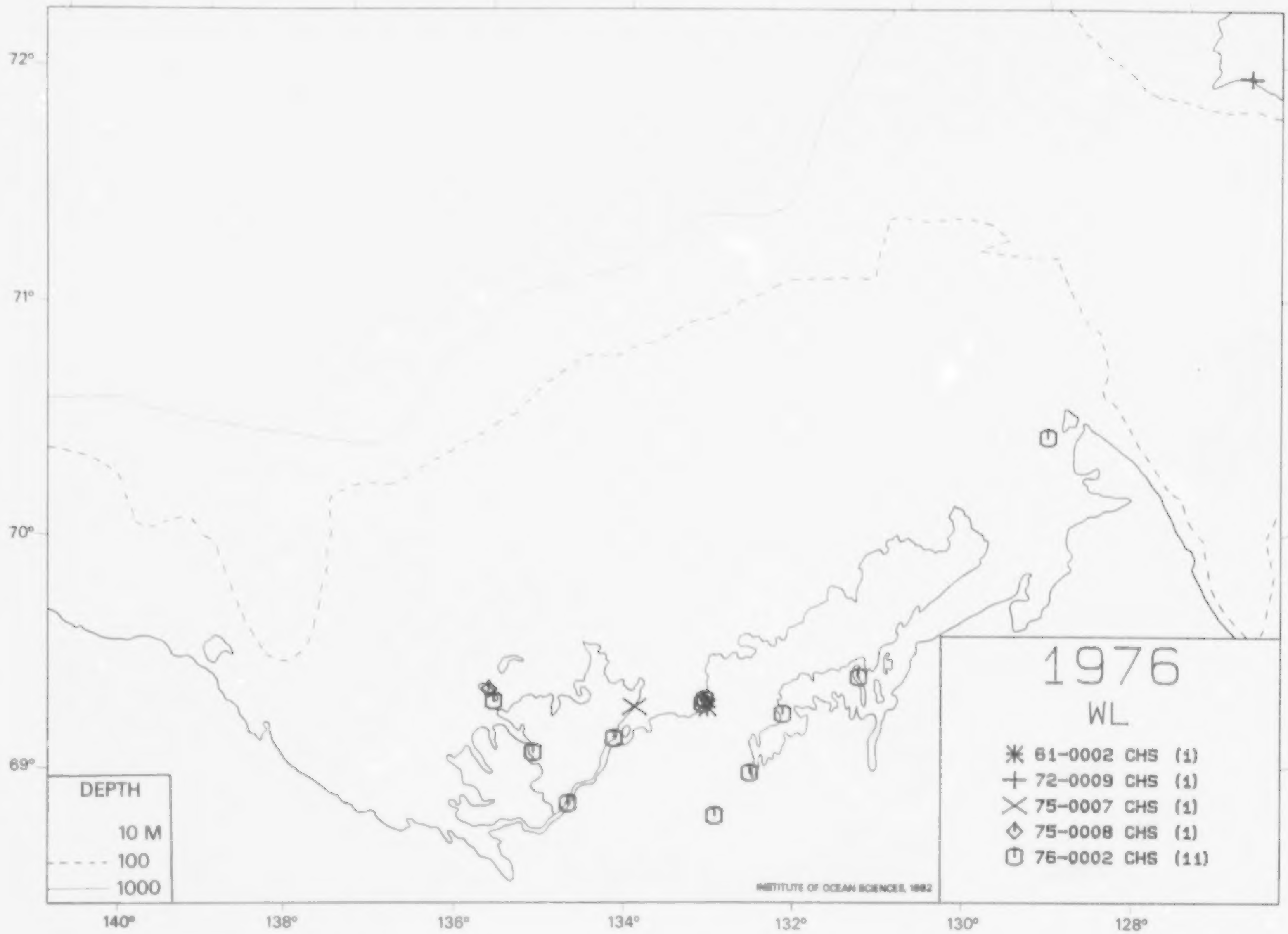

1975
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
✕ 72-0009 CHS (1)
◇ 75-0007 CHS (10)
▢ 75-0008 CHS (7)
⧗ 75-0011 SLANEY (1)
◁ 75-0042 AQUATIC ENV (2)
DRF
/// 75-0003 IOS
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

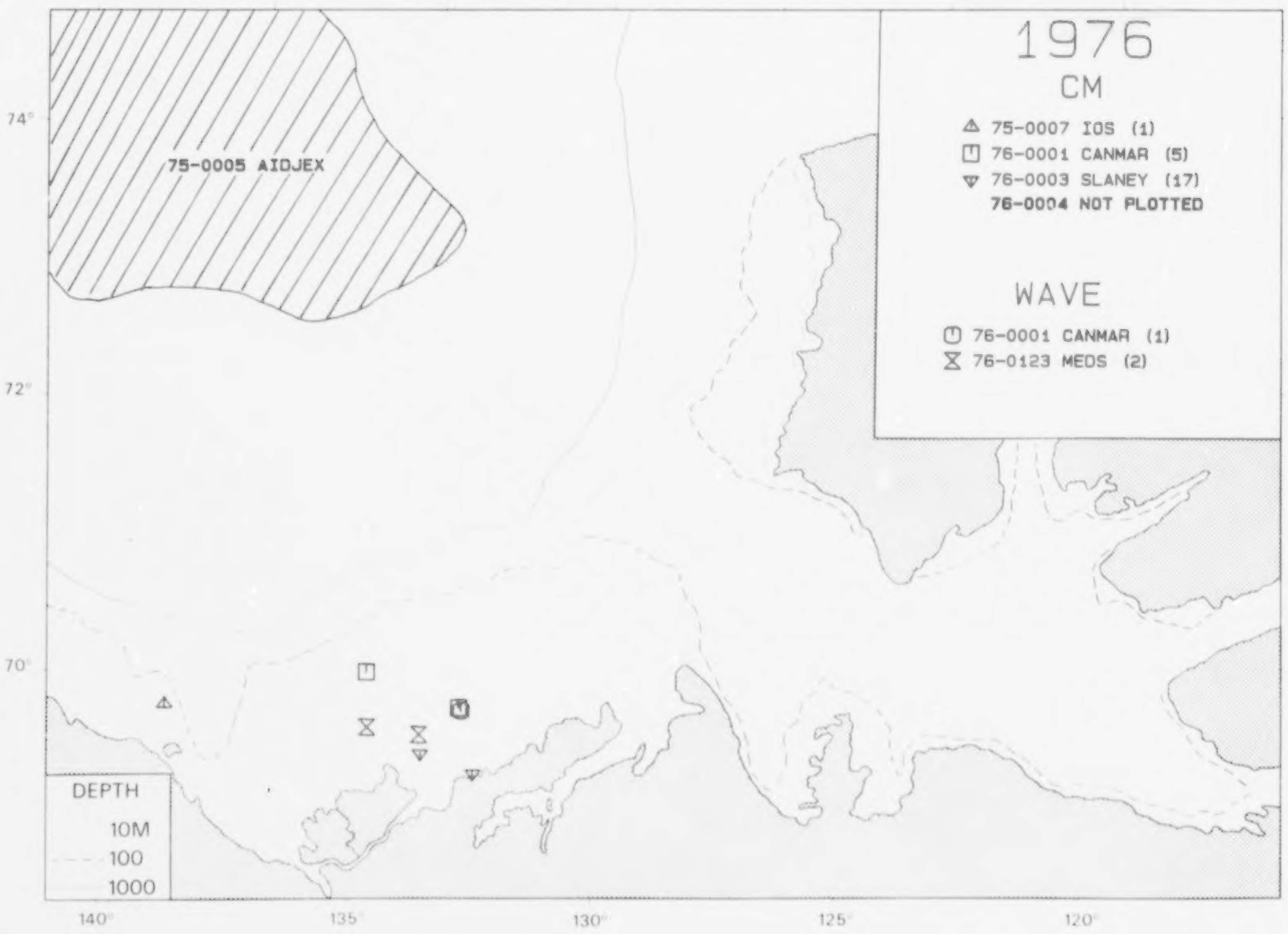

1976
TS
△ 75-0007 MOORING (1)
◻ 76-0001 CANMAR (56)
▽ 76-0003 SLANEY (62)
◇ 76-0004 SLANEY (14)
◻ 76-0020 SALVELINUS (24)
⧖ 76-0036 SLANEY (8)
75-0005 AIDJEX
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

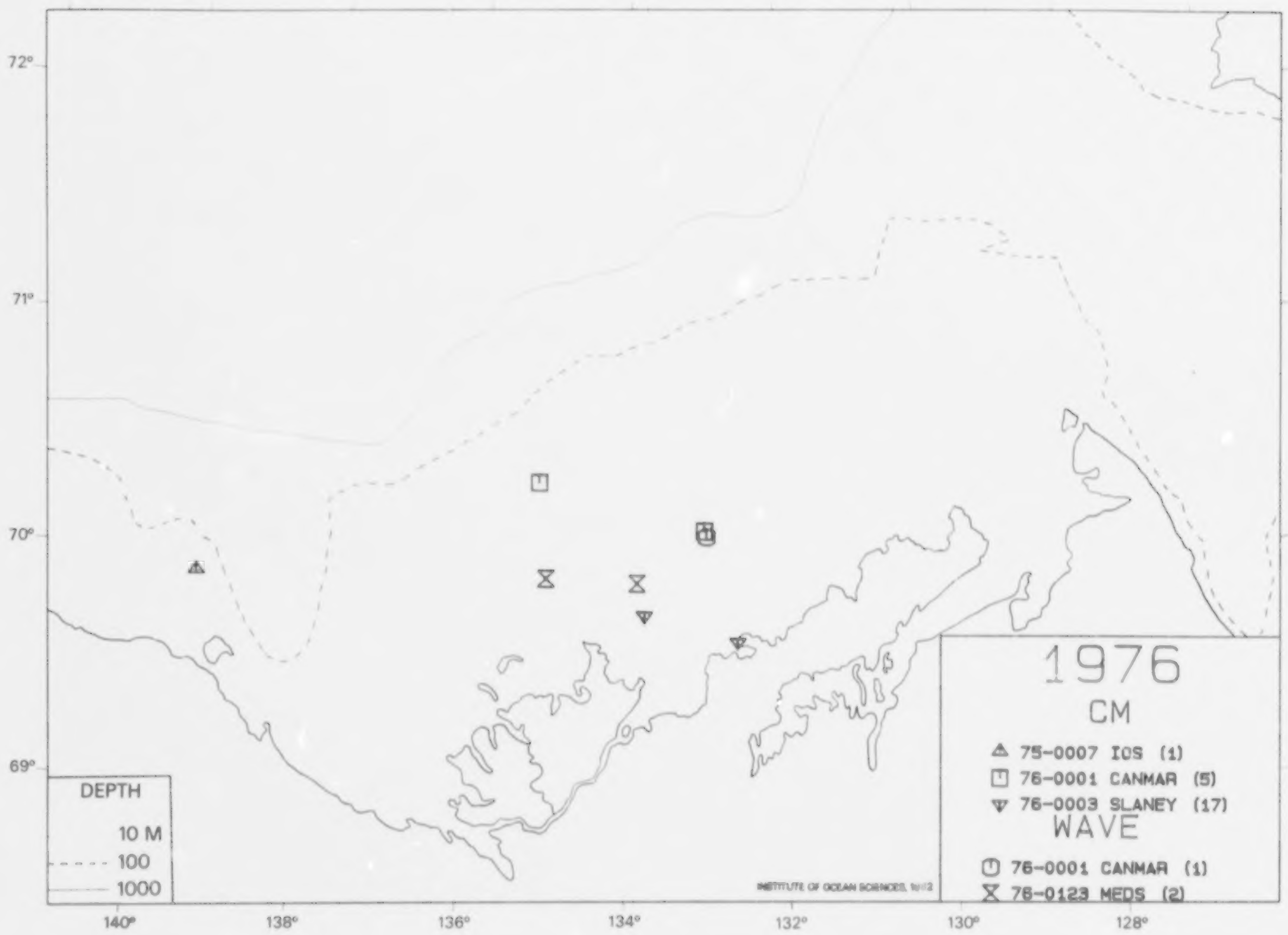

1976
TS
△ 75-0005A AIDJEX (92)
□ 75-0005B AIDJEX (106)
▽ 75-0005C AIDJEX (55)
DEPTH
10M
100
1000
74°
72°
70°
120°
125°
130°
135°
140°

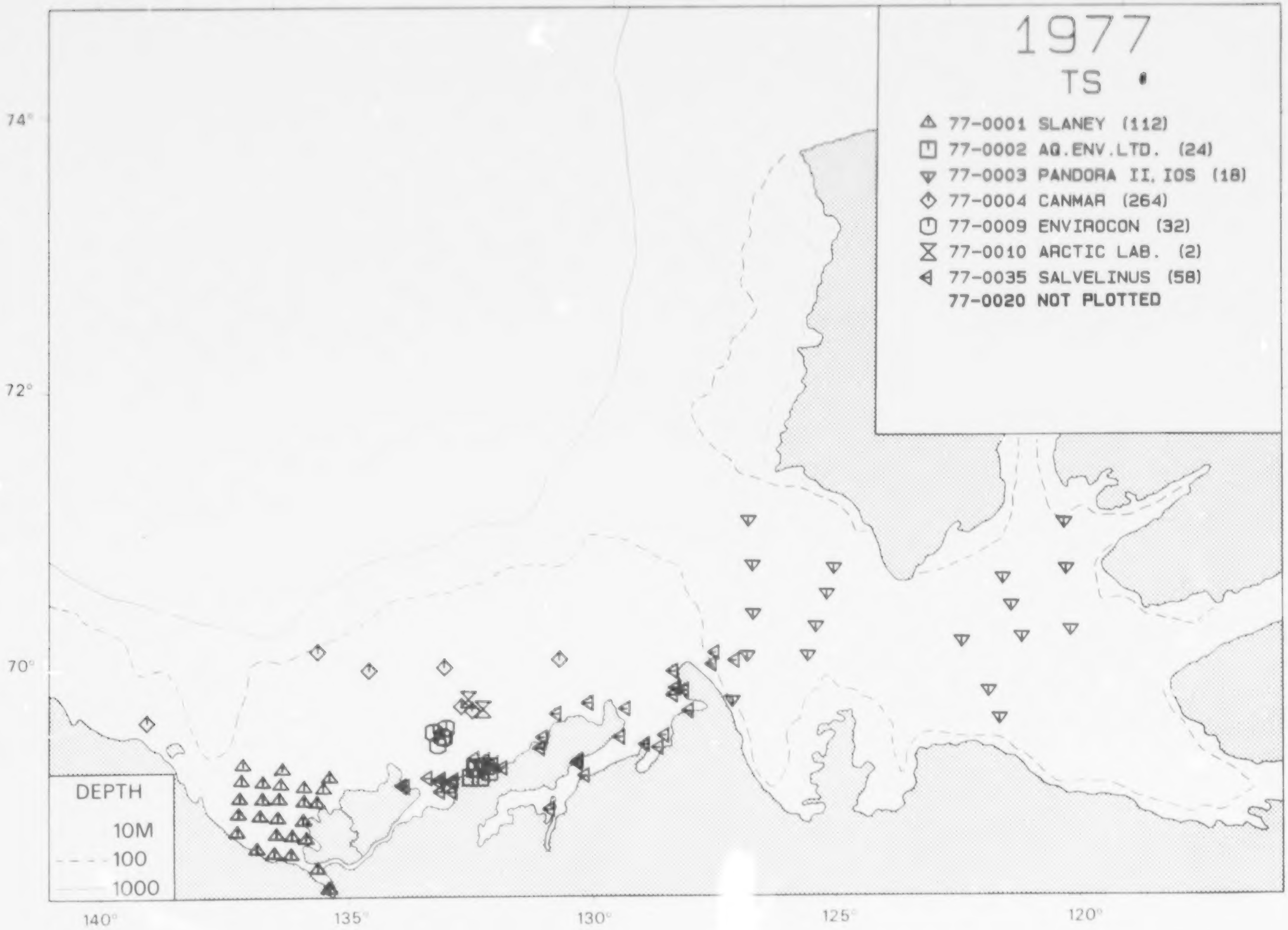

1976
TS
△ 75-0007 MOORING (1)
□ 76-0001 CANMAR (56)
▽ 76-0003 SLANEY (62)
◇ 76-0004 SLANEY (14)
○ 76-0020 SALVELINUS (24)
⧖ 76-0036 SLANEY (8)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
128°
130°
132°
134°
136°
138°
140°
72°
71°
70°
69°

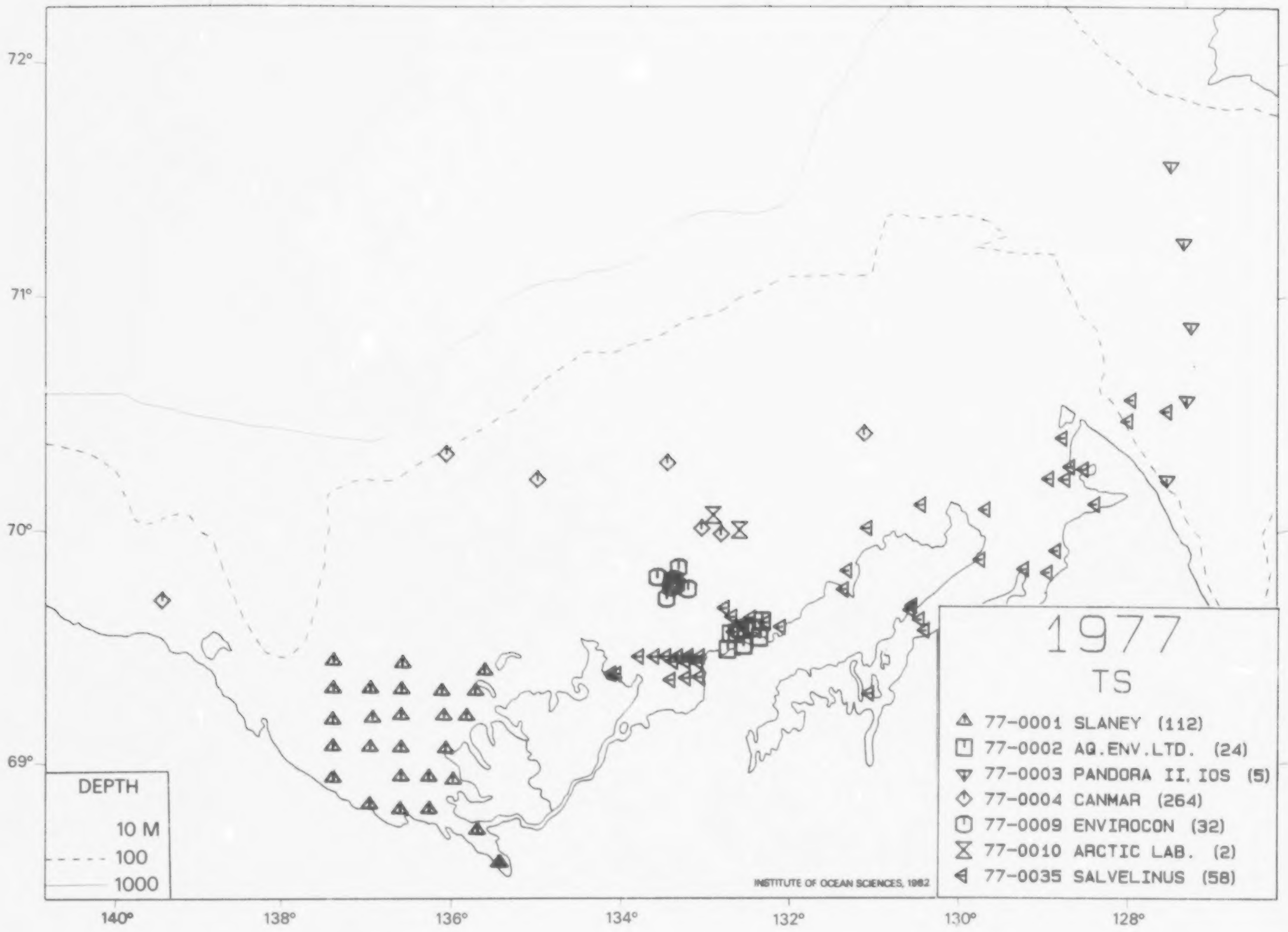

1976
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
× 72-0009 CHS (1)
◇ 75-0007 CHS (1)
⊕ 75-0008 CHS (1)
⧖ 76-0002 CHS (14)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

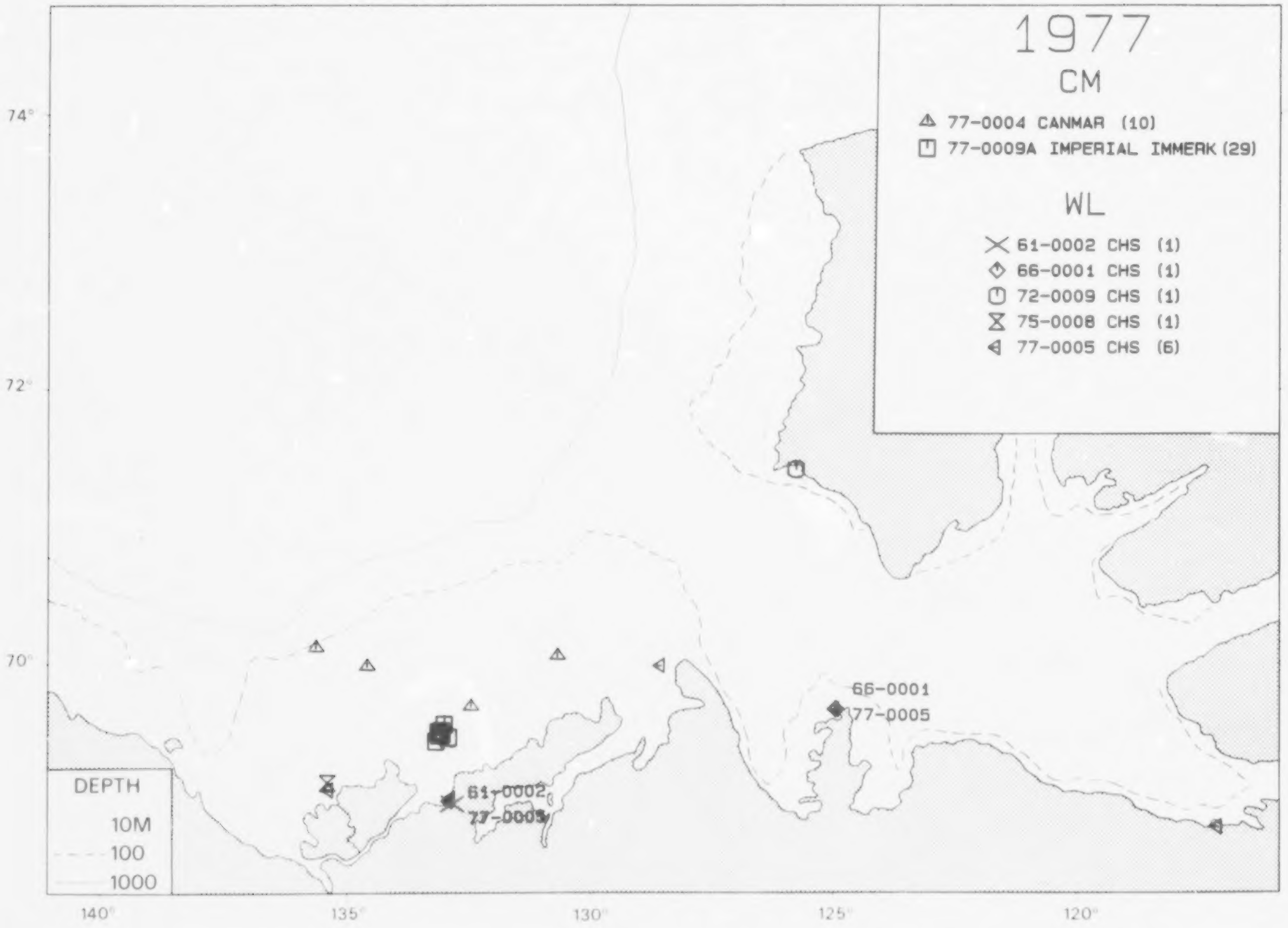

1976
WL
61-0002 CHS (1)
72-0009 CHS (1)
75-0007 CHS (1)
75-0008 CHS (1)
76-0002 CHS (11)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°

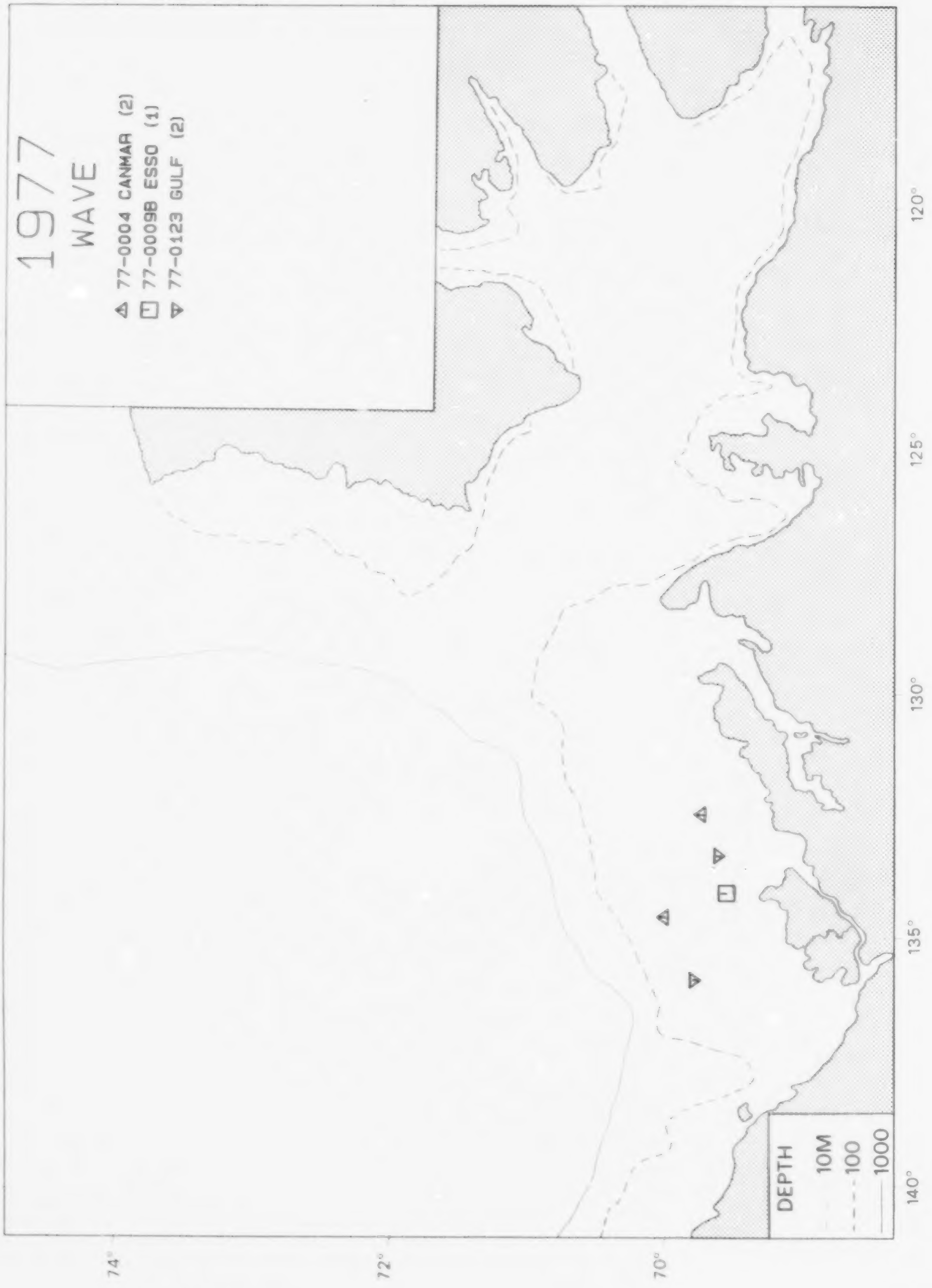

1976
CM
△ 75-0007 IOS (1)
◫ 76-0001 CANMAR (5)
▽ 76-0003 SLANEY (17)
76-0004 NOT PLOTTED
WAVE
◍ 76-0001 CANMAR (1)
⧗ 76-0123 MEDS (2)
75-0005 AIDJEX
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

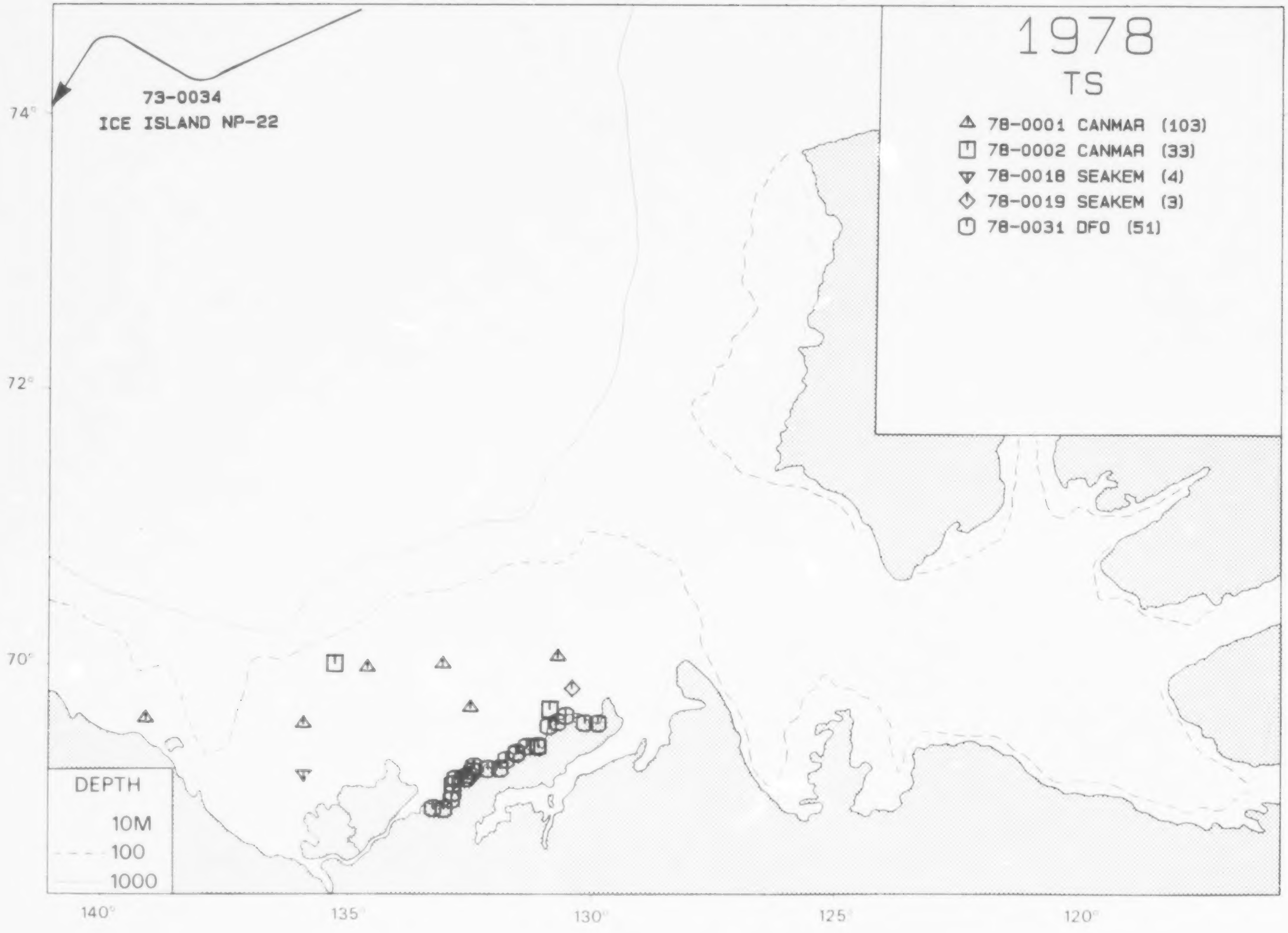

72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°
DEPTH
10 M
100
1000
1976
CM
75-0007 IOS (1)
76-0001 CANMAR (5)
76-0003 SLANEY (17)
WAVE
76-0001 CANMAR (1)
76-0123 MEDS (2)
INSTITUTE OF OCEAN SCIENCES, 1982

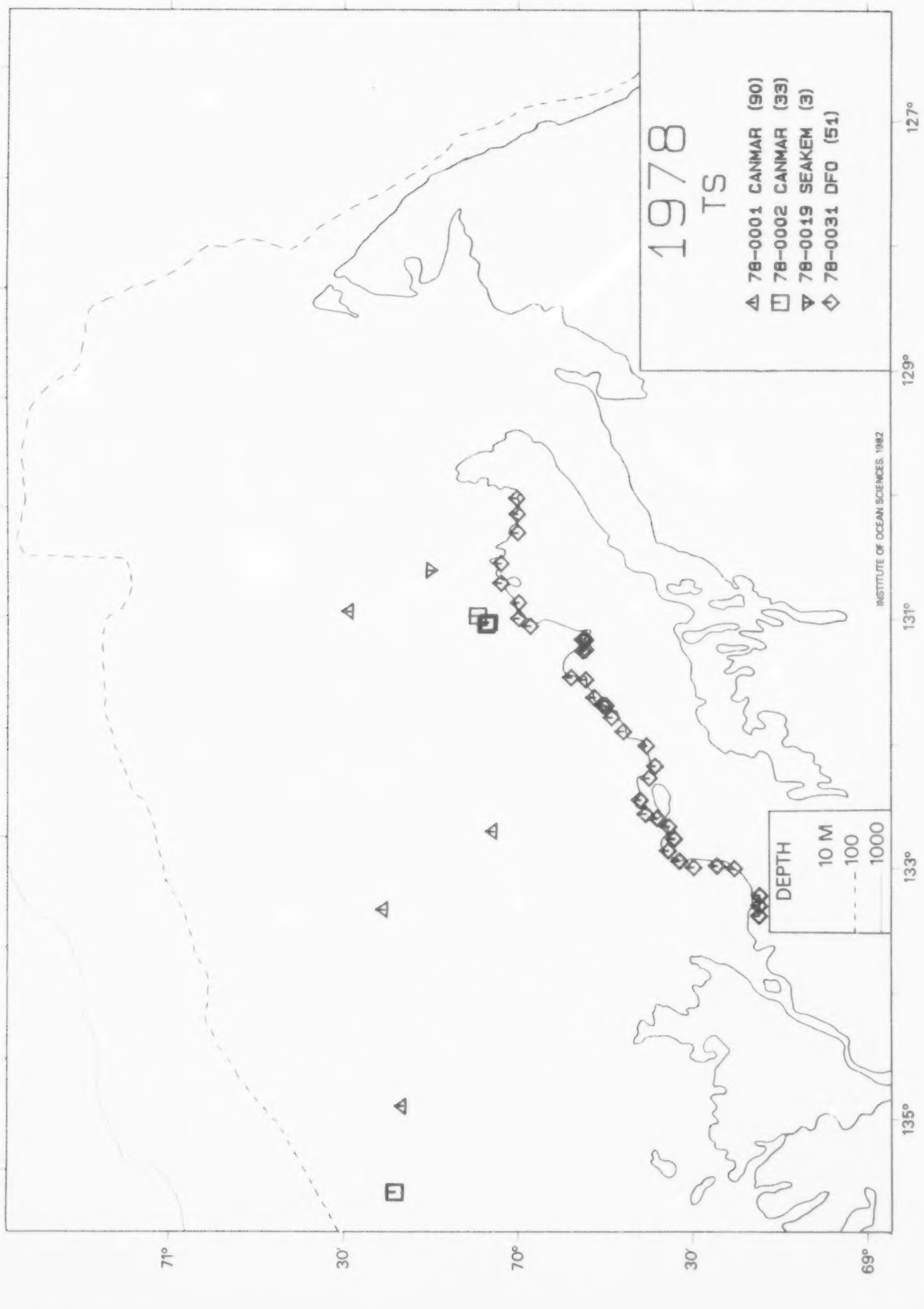

1977
TS
77-0001 SLANEY (112)
77-0002 AQ.ENV.LTD. (24)
77-0003 PANDORA II, IOS (18)
77-0004 CANMAR (264)
77-0009 ENVIROCON (32)
77-0010 ARCTIC LAB. (2)
77-0035 SALVELINUS (58)
77-0020 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

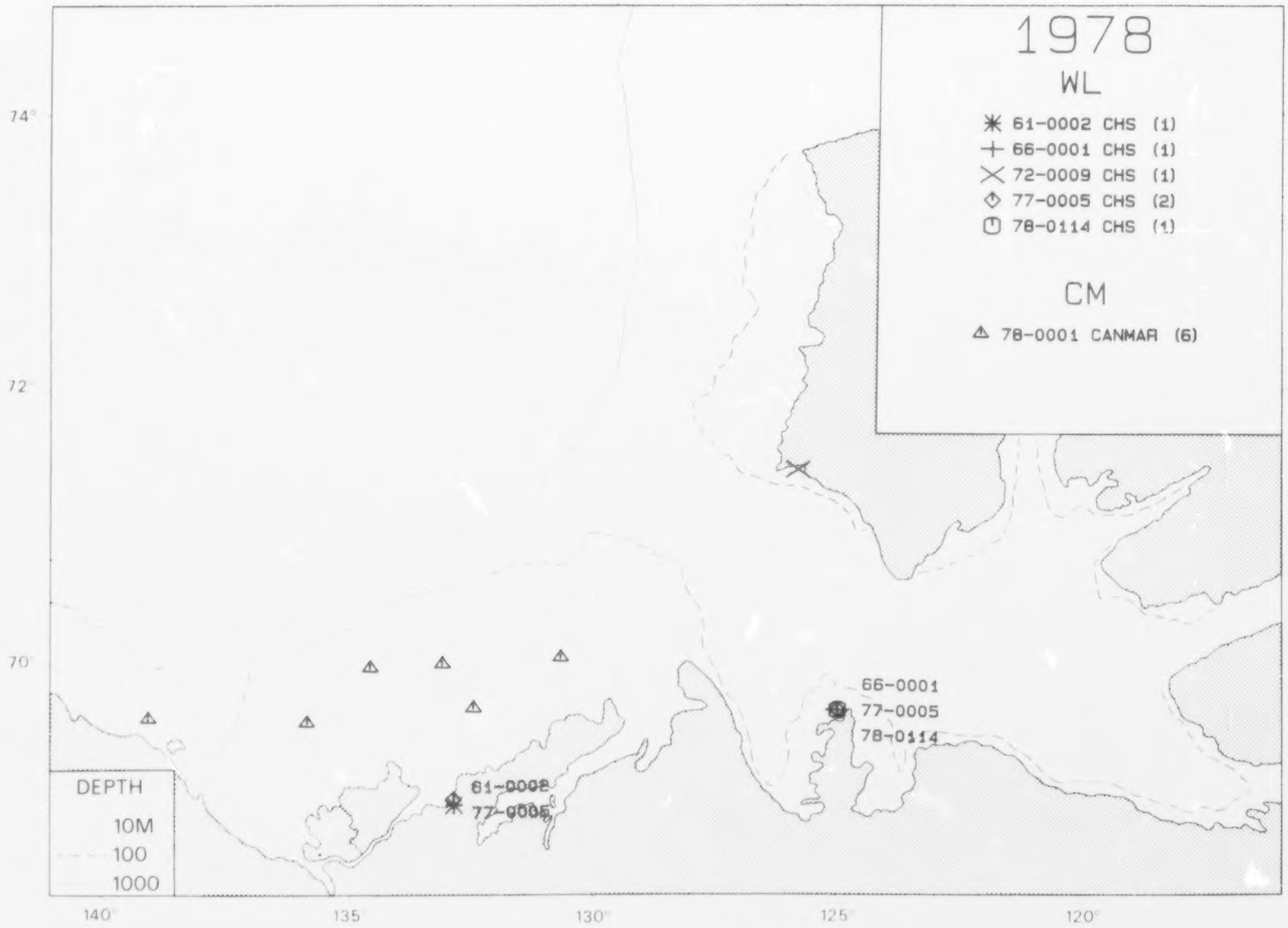

1977
TS
△ 77-0001 SLANEY (112)
□ 77-0002 AQ.ENV.LTD. (24)
▽ 77-0003 PANDORA II. IOS (5)
◇ 77-0004 CANMAR (264)
○ 77-0009 ENVIROCON (32)
⧖ 77-0010 ARCTIC LAB. (2)
◁ 77-0035 SALVELINUS (58)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°

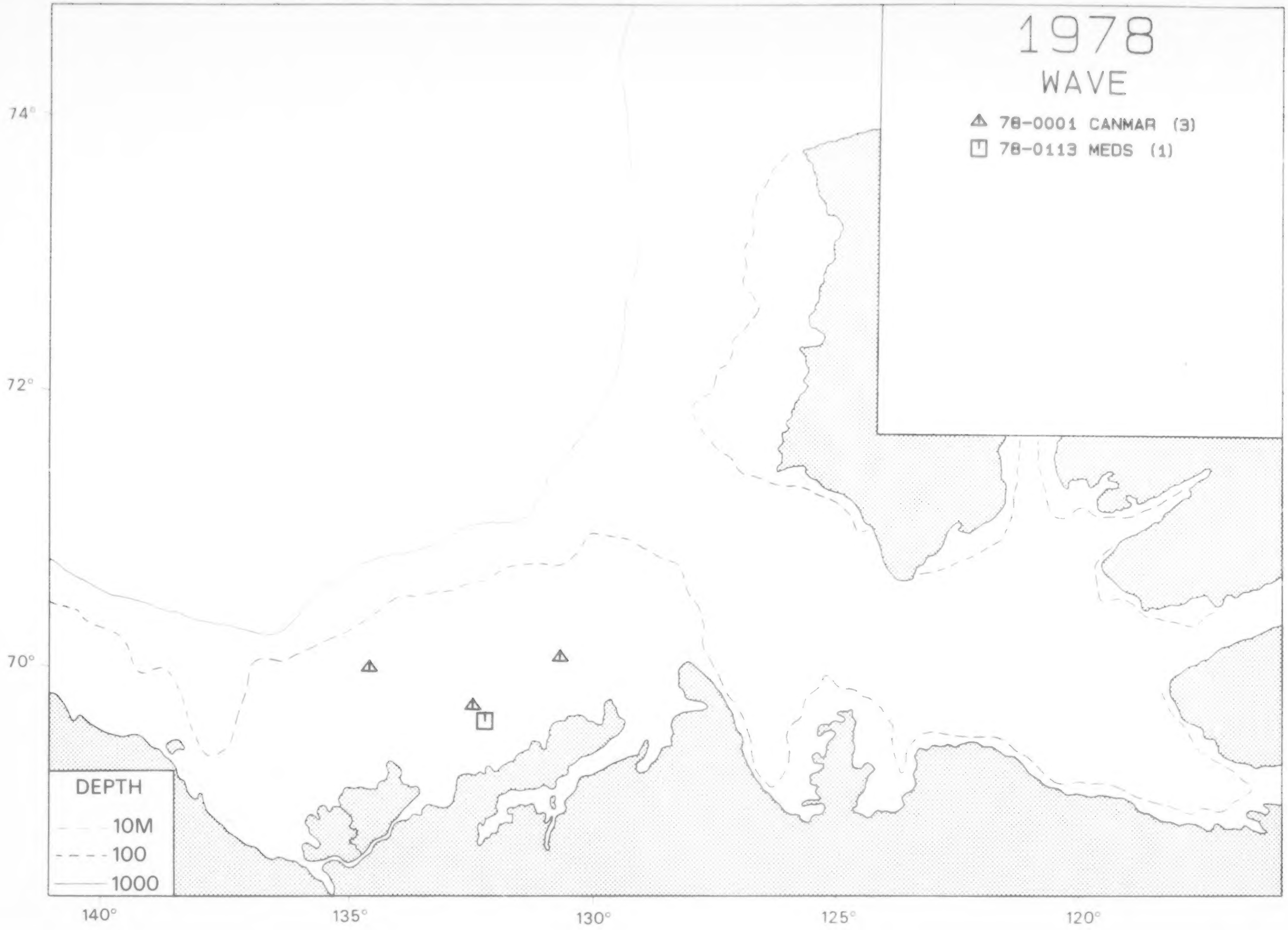

1977
CM
77-0004 CANMAR (10)
77-0009A IMPERIAL IMMERK (29)
WL
61-0002 CHS (1)
66-0001 CHS (1)
72-0009 CHS (1)
75-0008 CHS (1)
77-0005 CHS (6)
66-0001
77-0005
61-0002
77-0005
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

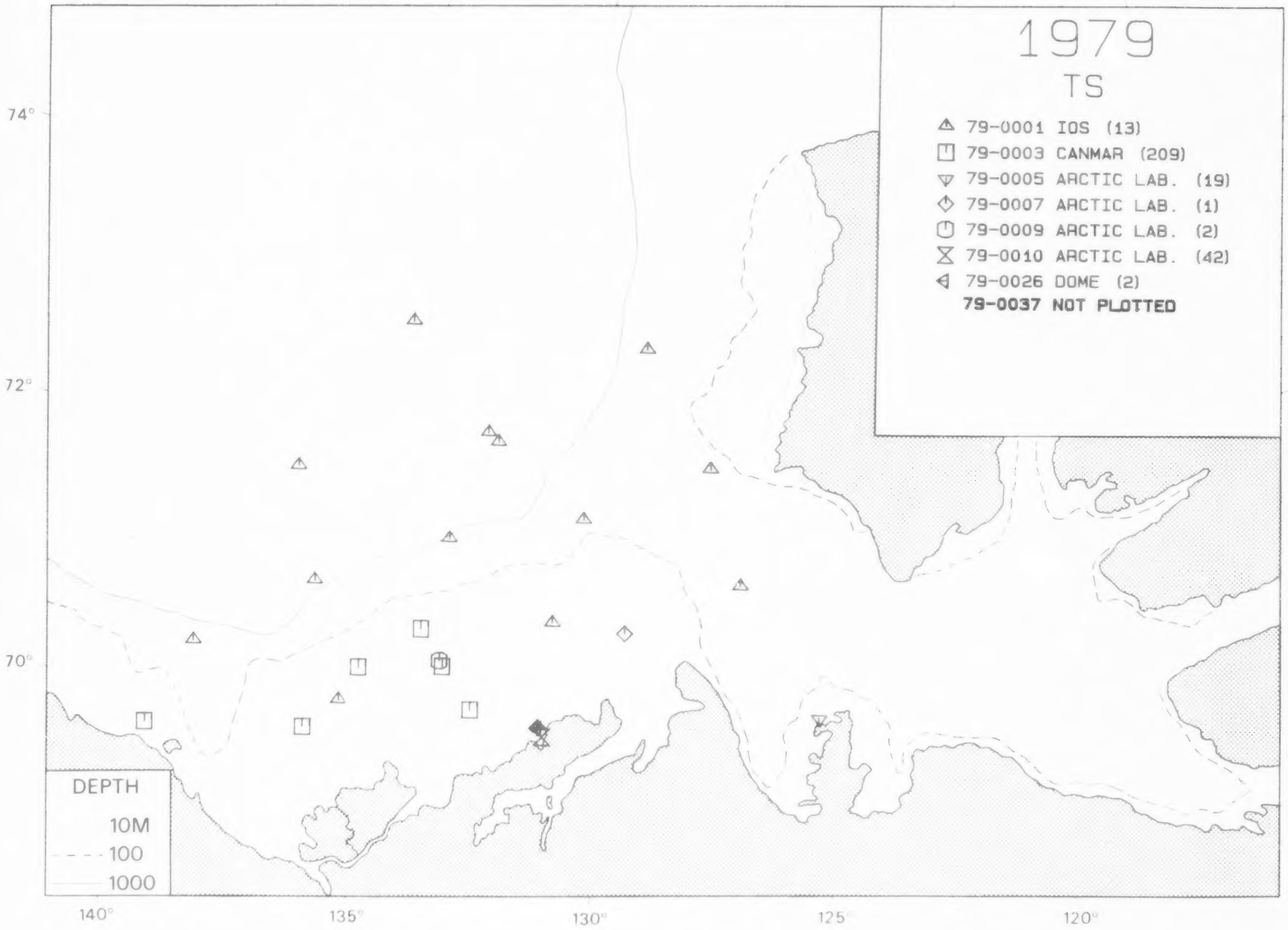

1977
WAVE
77-0004 CANMAR (2)
77-0009B ESSO (1)
77-0123 GULF (2)
DEPTH
10M
100
1000
74°
72°
70°
120°
125°
130°
135°
140°

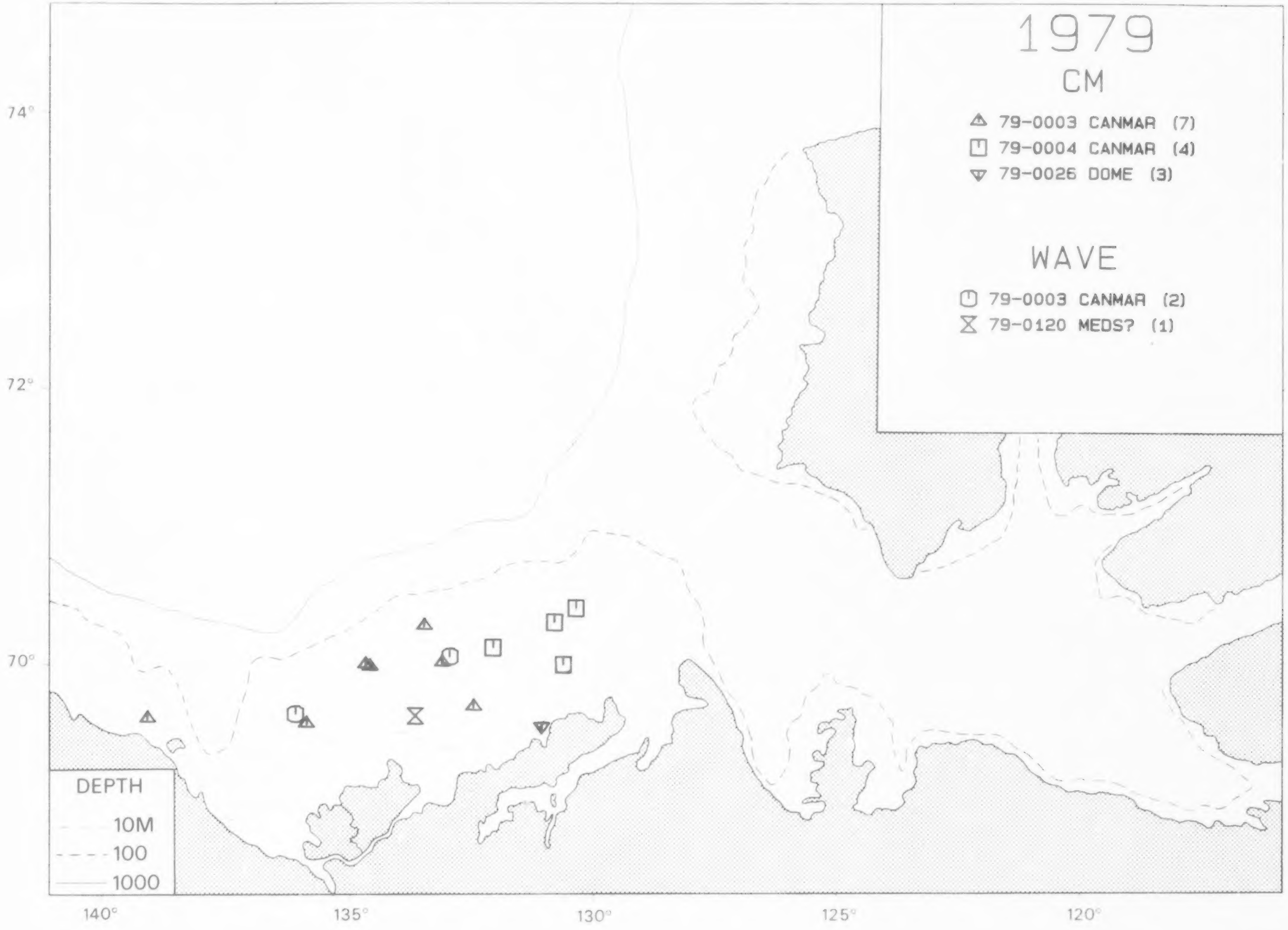

73-0034
ICE ISLAND NP-22
1978
TS
△ 78-0001 CANMAR (103)
□ 78-0002 CANMAR (33)
▽ 78-0018 SEAKEM (4)
◇ 78-0019 SEAKEM (3)
○ 78-0031 DFO (51)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

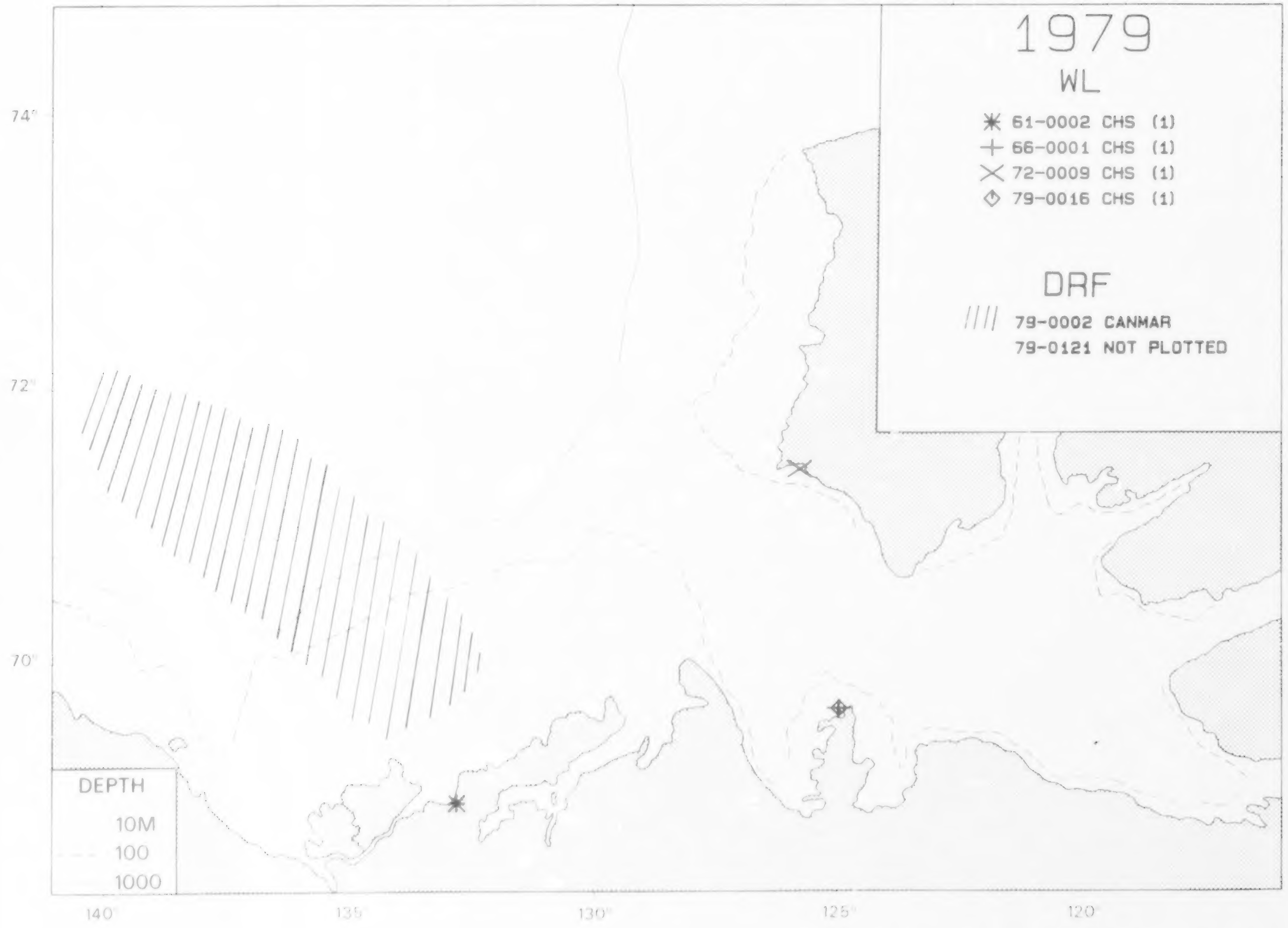

1978
TS
◬ 78-0001 CANMAR (90)
⊡ 78-0002 CANMAR (33)
⩡ 78-0019 SEAKEM (3)
◇ 78-0031 DFO (51)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
135°
133°
131°
129°
127°
69°
30'
70°
30'
71°

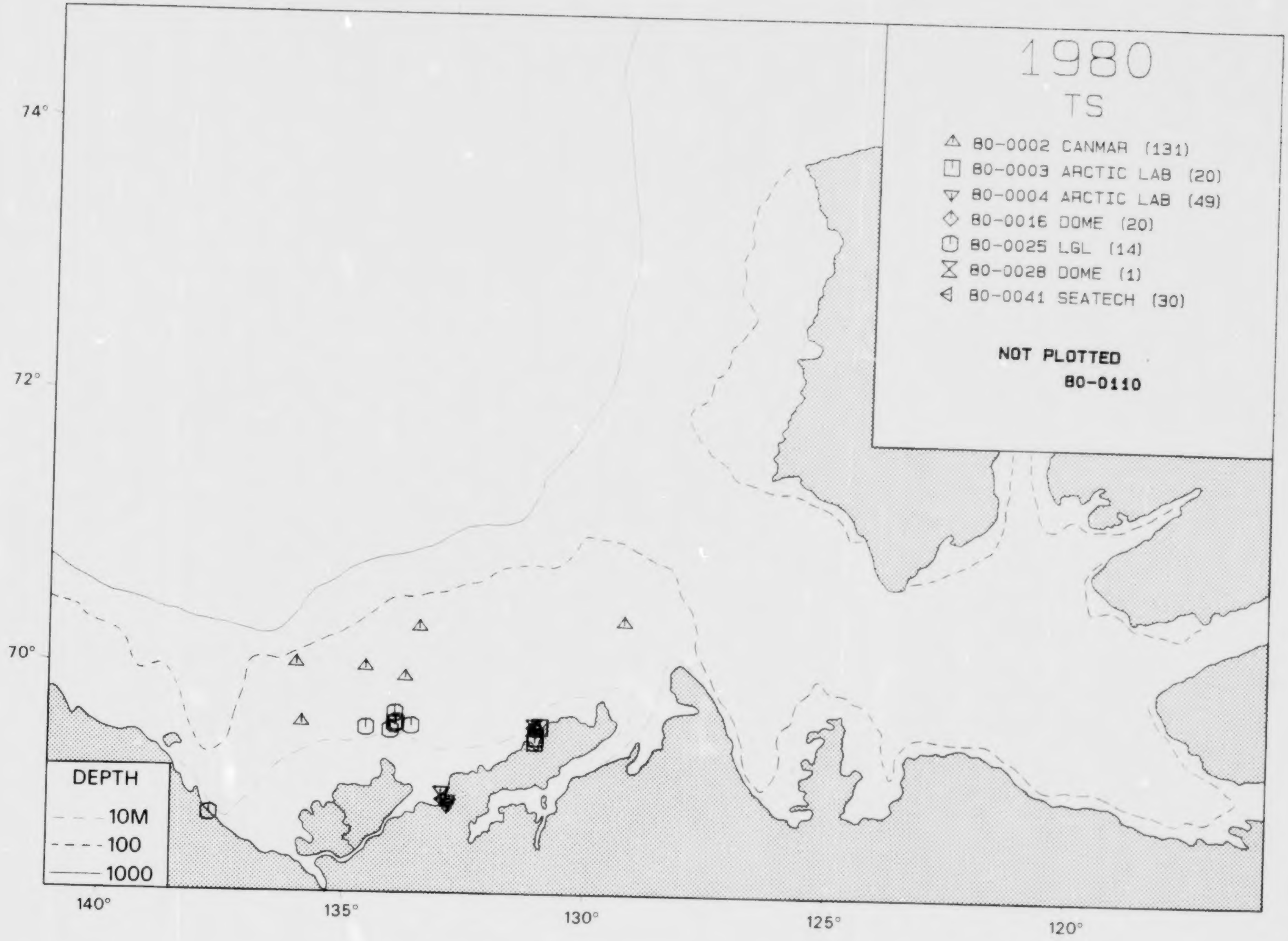

1978
WL
61-0002 CHS (1)
66-0001 CHS (1)
72-0009 CHS (1)
77-0005 CHS (2)
78-0114 CHS (1)
CM
78-0001 CANMAR (6)
66-0001
77-0005
78-0114
61-0002
77-0005
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

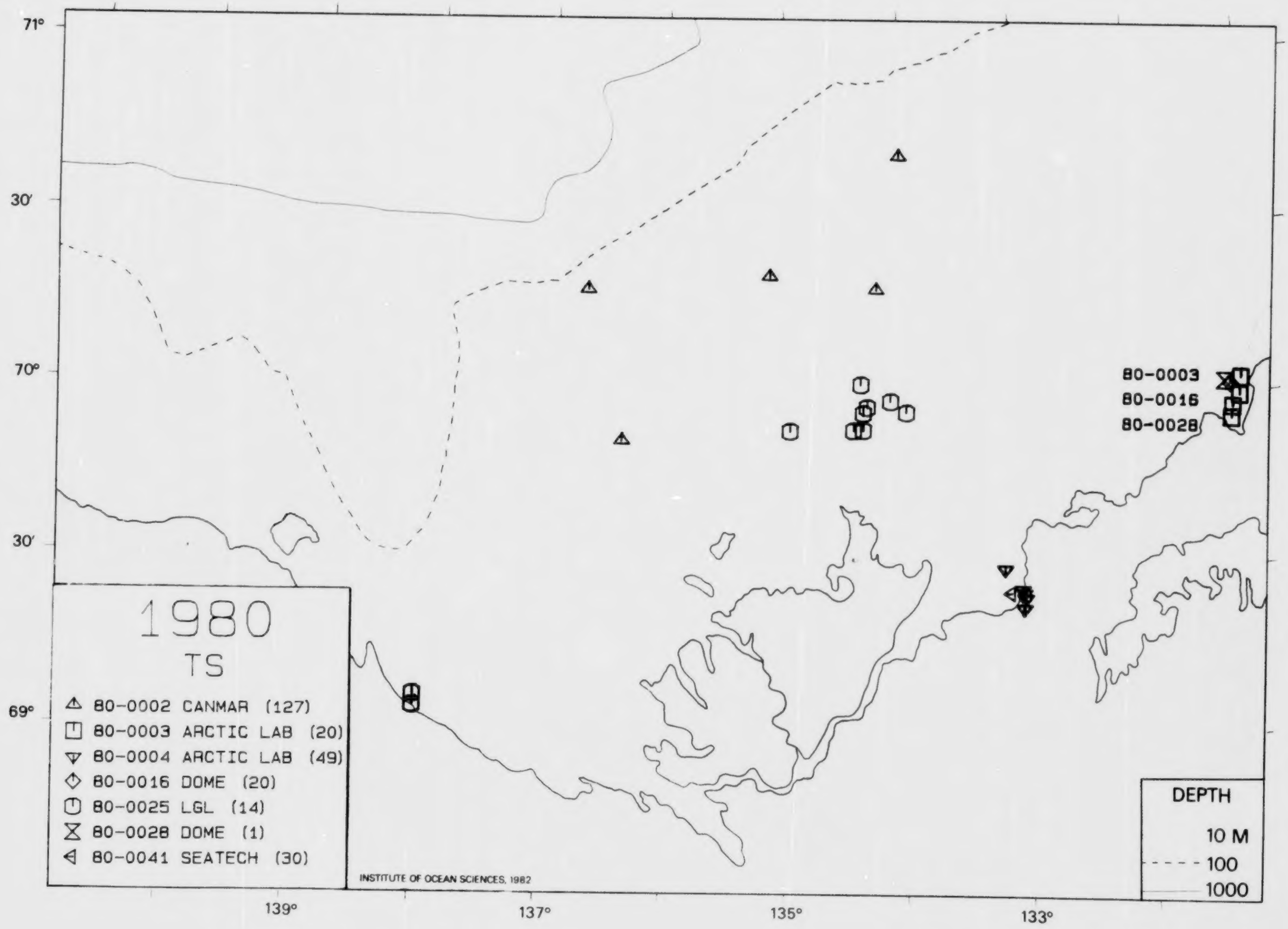

1978
WAVE
⚠ 78-0001 CANMAR (3)
☐ 78-0113 MEDS (1)
74°
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°

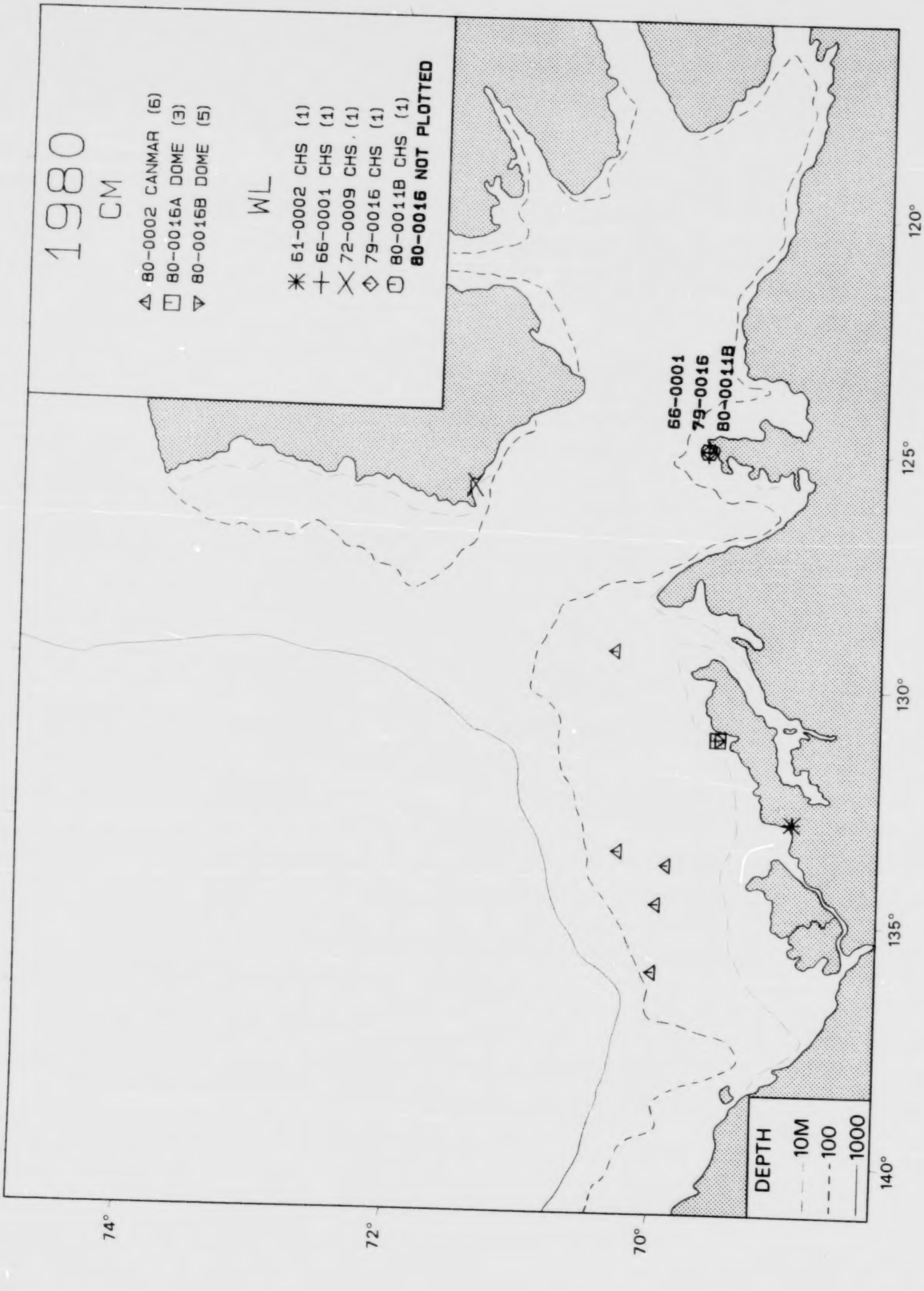

1979
TS
79-0001 IOS (13)
79-0003 CANMAR (209)
79-0005 ARCTIC LAB. (19)
79-0007 ARCTIC LAB. (1)
79-0009 ARCTIC LAB. (2)
79-0010 ARCTIC LAB. (42)
79-0026 DOME (2)
79-0037 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

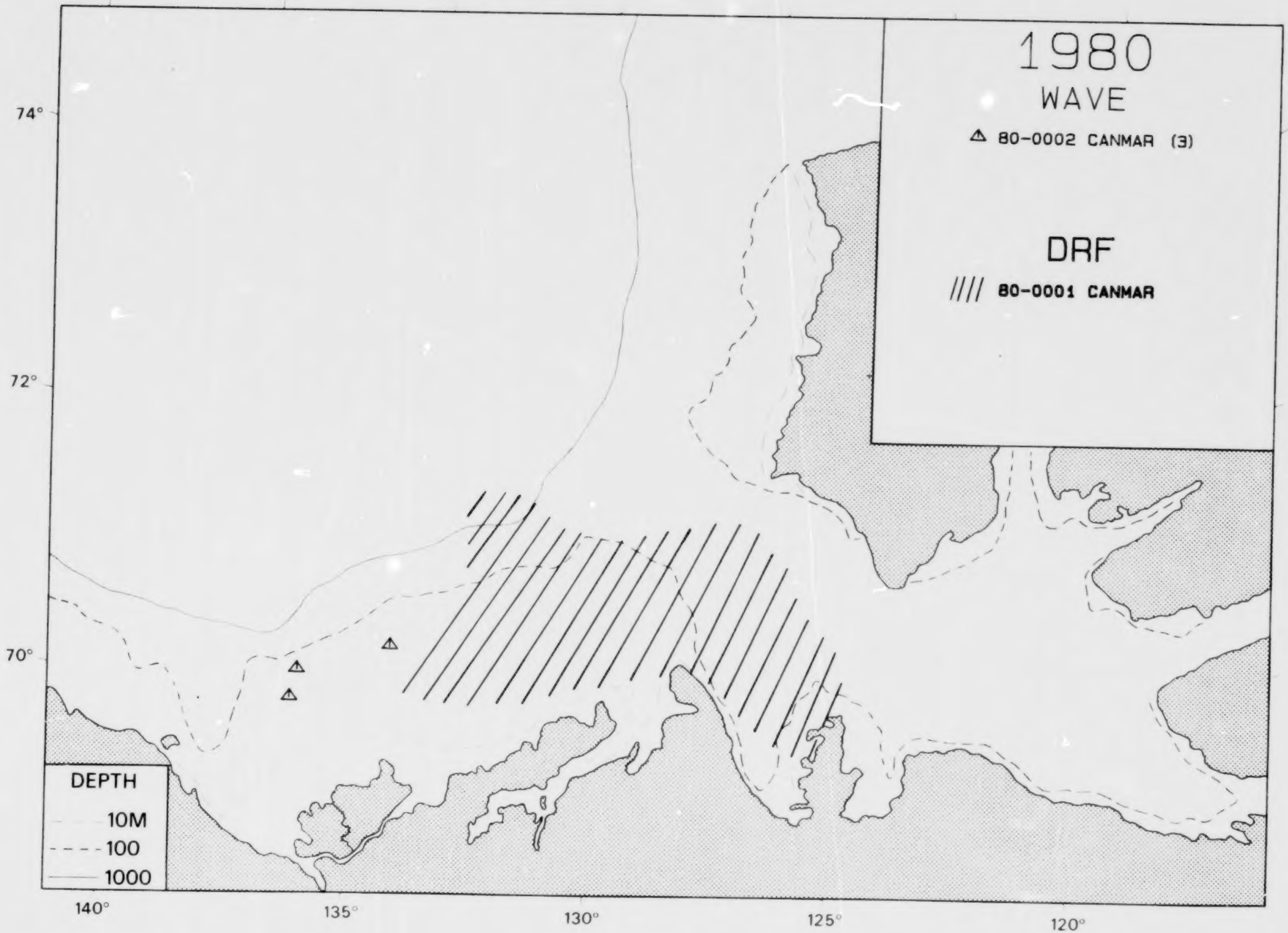

1979
CM
△ 79-0003 CANMAR (7)
☐ 79-0004 CANMAR (4)
▽ 79-0026 DOME (3)
WAVE
○ 79-0003 CANMAR (2)
⧗ 79-0120 MEDS? (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

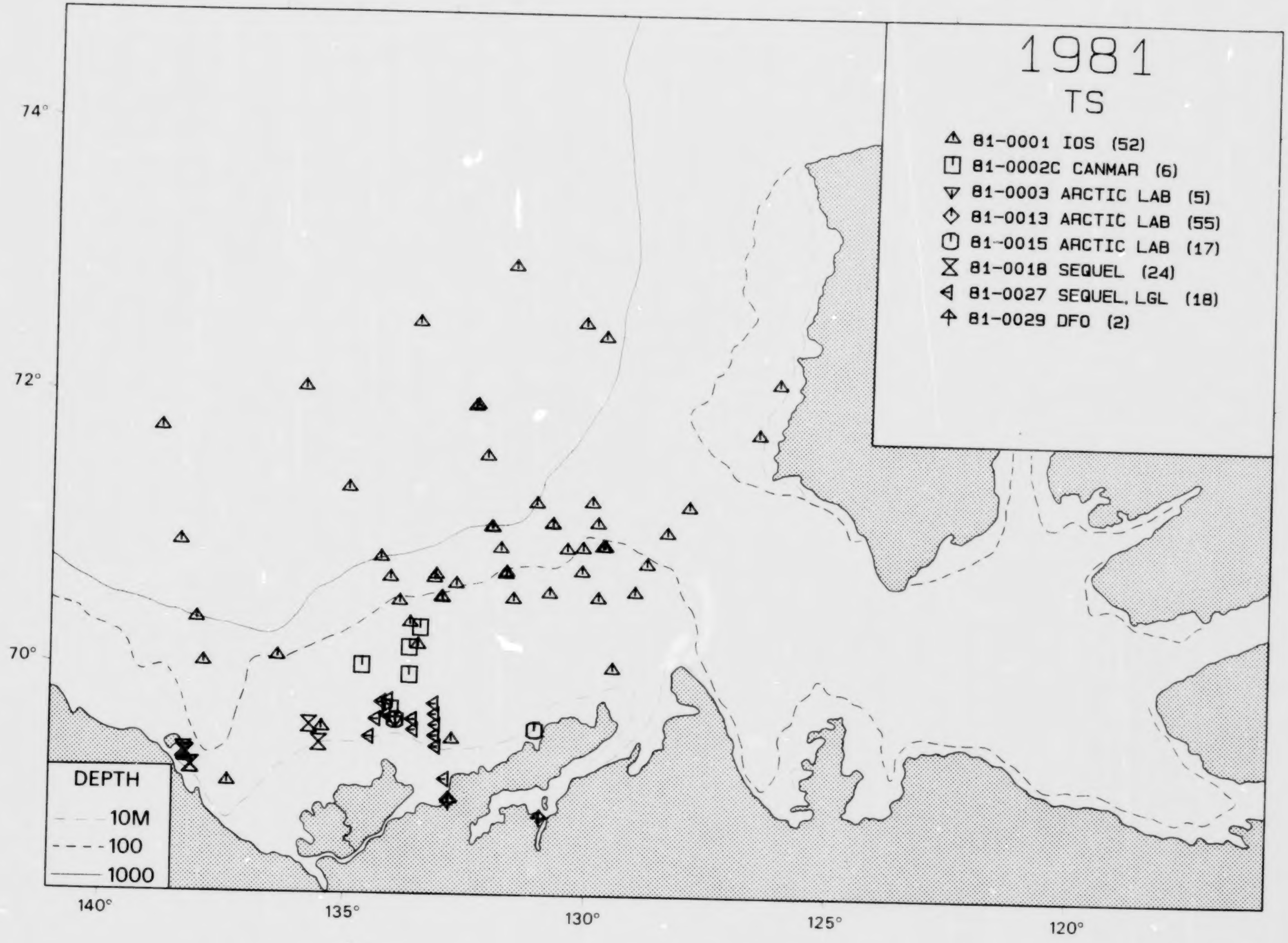

1979
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
× 72-0009 CHS (1)
◇ 79-0016 CHS (1)
DRF
//// 79-0002 CANMAR
79-0121 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

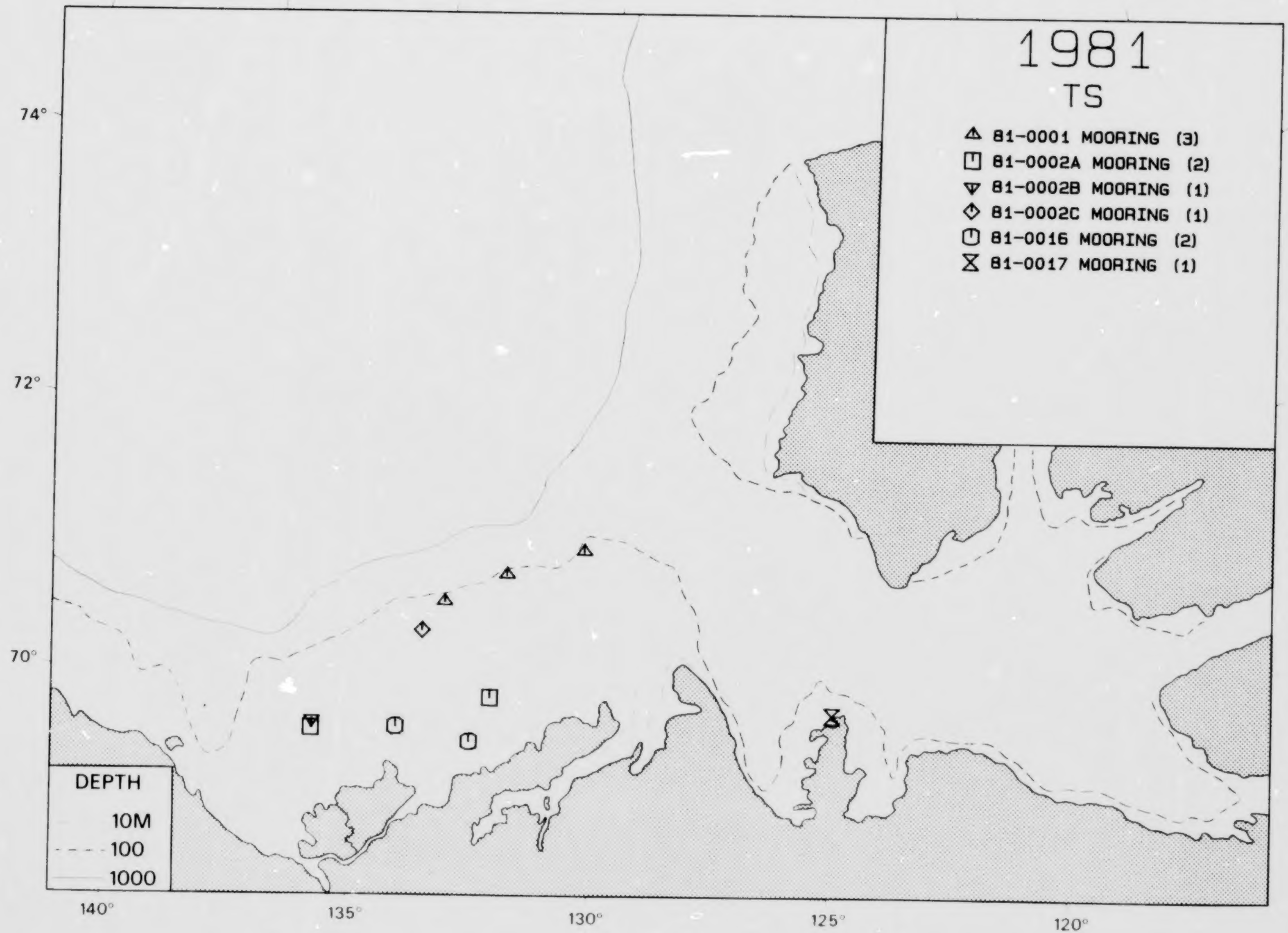

1980
TS
△ 80-0002 CANMAR (131)
□ 80-0003 ARCTIC LAB (20)
▽ 80-0004 ARCTIC LAB (49)
◇ 80-0016 DOME (20)
○ 80-0025 LGL (14)
⧗ 80-0028 DOME (1)
◁ 80-0041 SEATECH (30)
NOT PLOTTED
80-0110
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

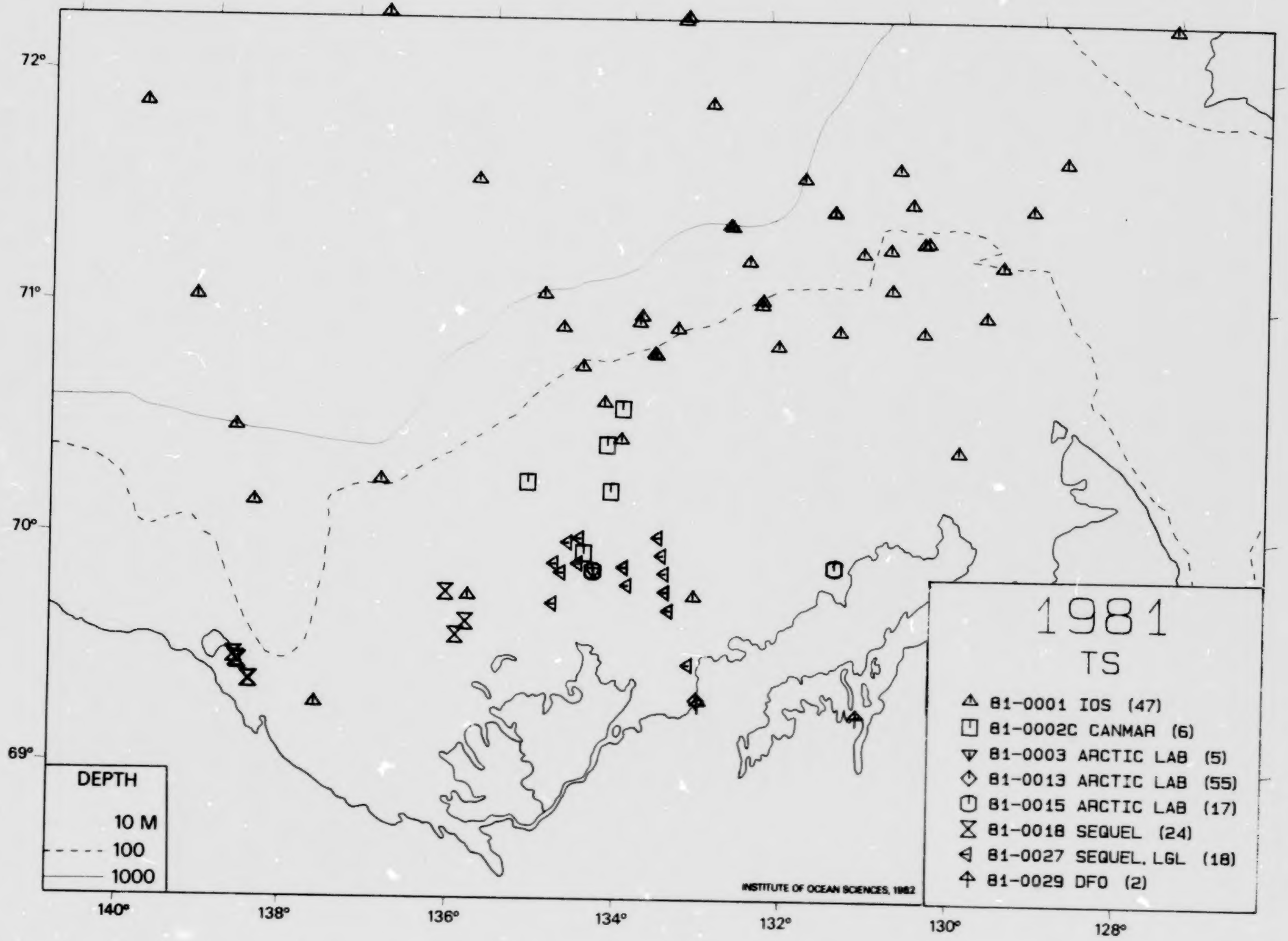

71°
30′
70°
30′
69°
139°
137°
135°
133°
80-0003
80-0016
80-0028
1980
TS
△ 80-0002 CANMAR (127)
□ 80-0003 ARCTIC LAB (20)
▽ 80-0004 ARCTIC LAB (49)
◇ 80-0016 DOME (20)
80-0025 LGL (14)
⧗ 80-0028 DOME (1)
◁ 80-0041 SEATECH (30)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982

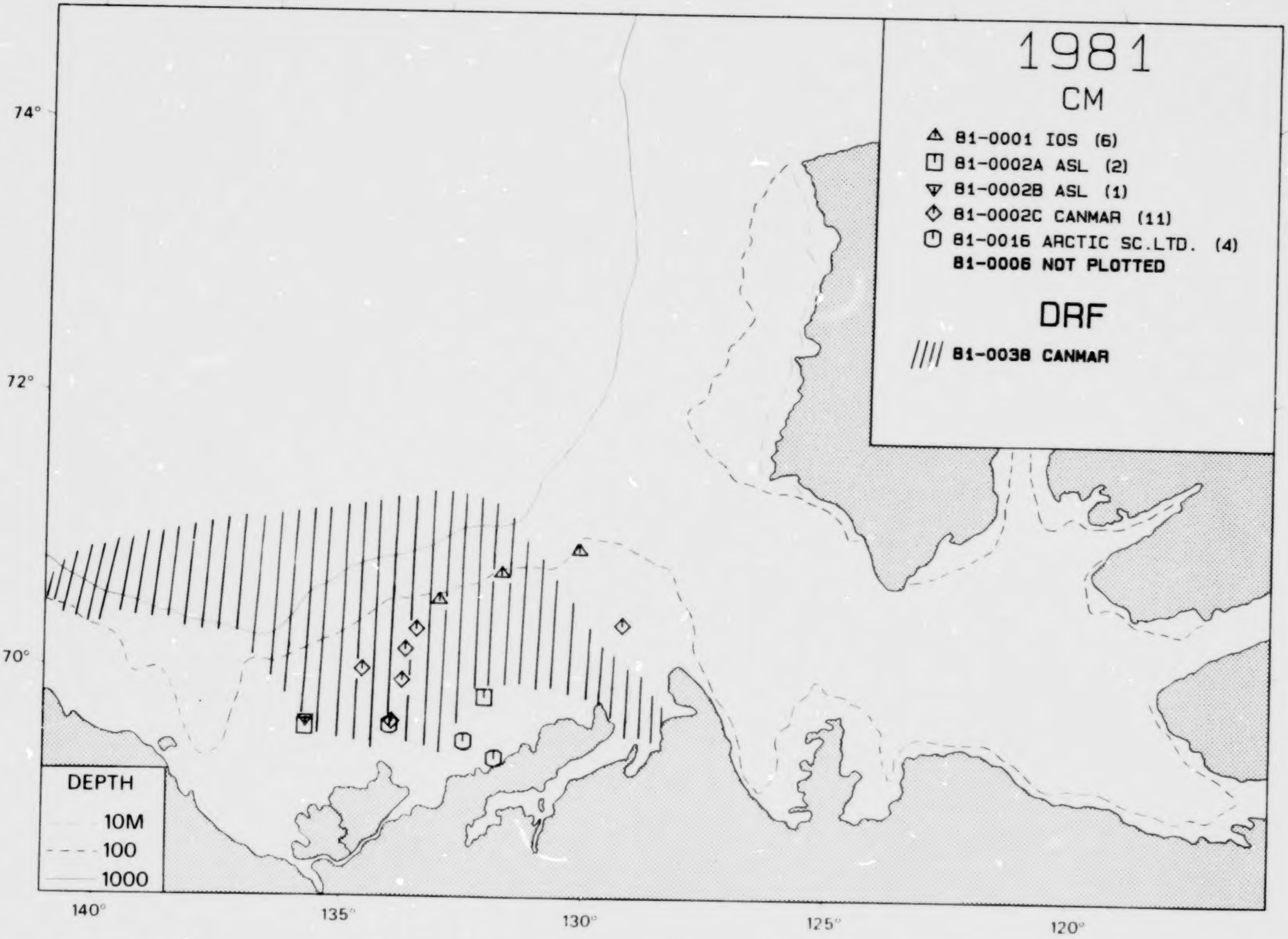

1980
CM
△ 80-0002 CANMAR (6)
⊡ 80-0016A DOME (3)
▽ 80-0016B DOME (5)
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
✕ 72-0009 CHS (1)
◇ 79-0016 CHS (1)
⊕ 80-0011B CHS (1)
80-0016 NOT PLOTTED
66-0001
79-0016
80-0011B
DEPTH
10M
100
1000
120°
125°
130°
135°
140°
74°
72°
70°

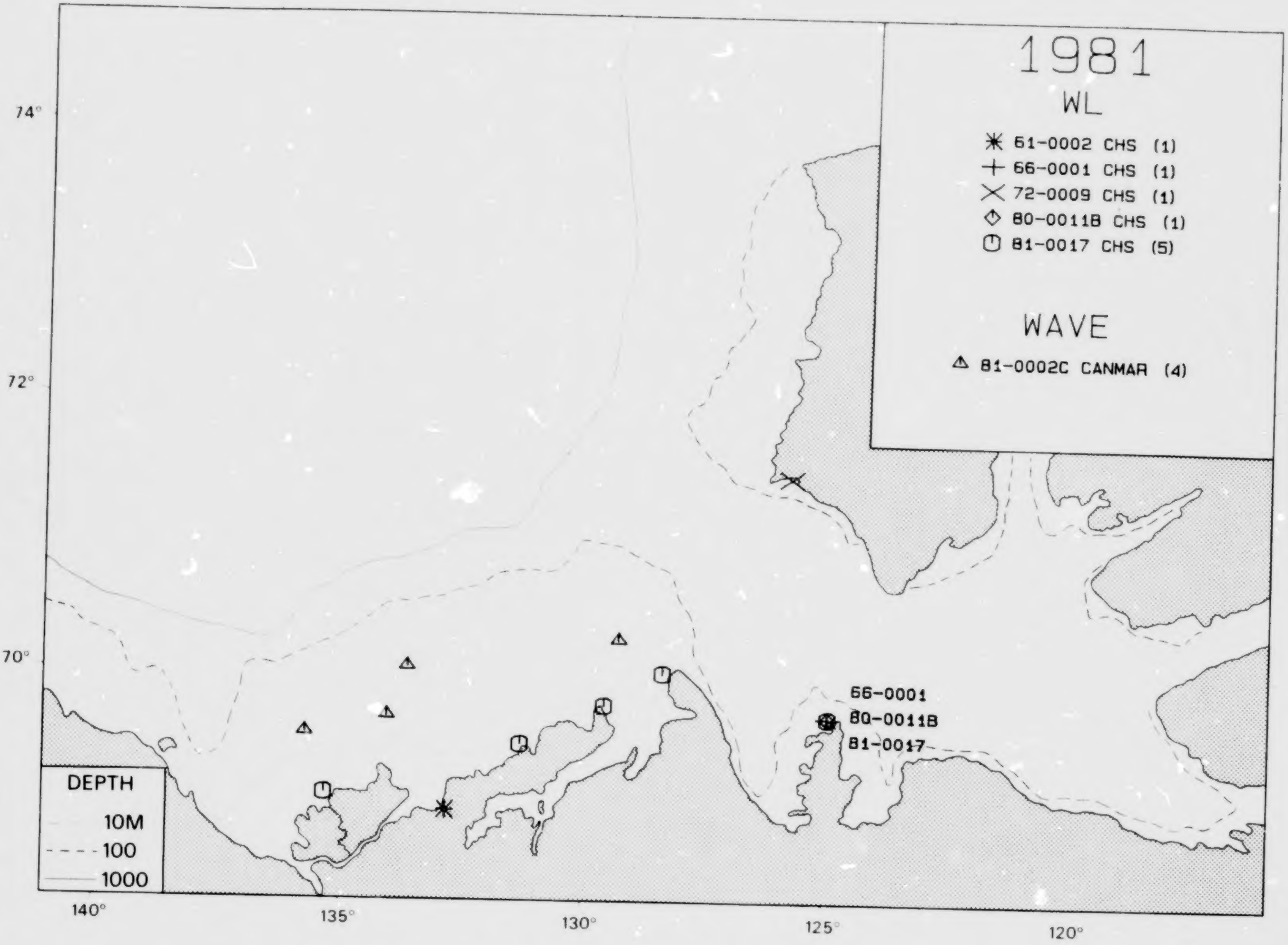

1980
WAVE
△ 80-0002 CANMAR (3)
DRF
//// 80-0001 CANMAR
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

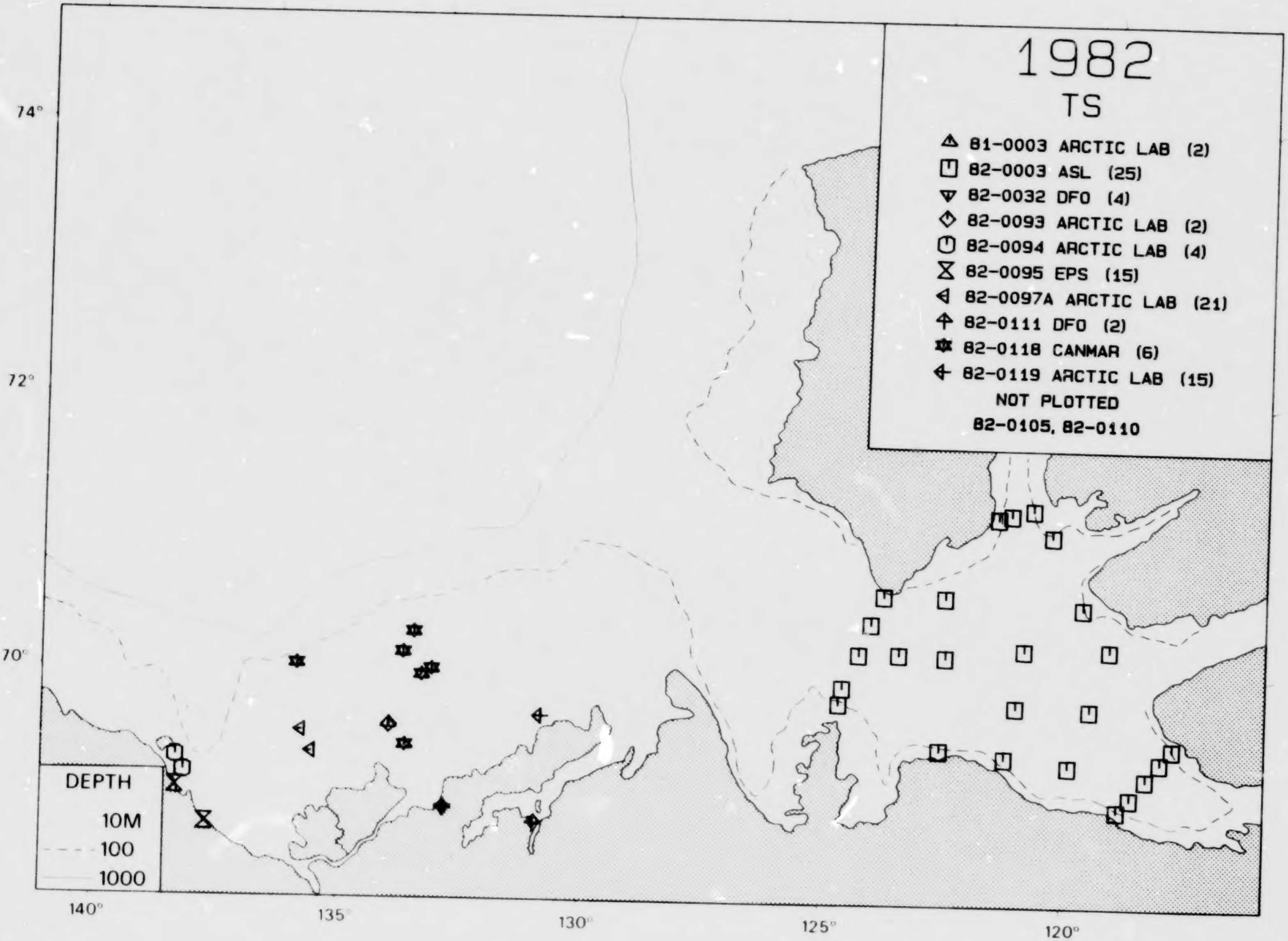

1981
TS
△ 81-0001 IOS (52)
☐ 81-0002C CANMAR (6)
▽ 81-0003 ARCTIC LAB (5)
◇ 81-0013 ARCTIC LAB (55)
○ 81-0015 ARCTIC LAB (17)
⧗ 81-0018 SEQUEL (24)
◁ 81-0027 SEQUEL, LGL (18)
✢ 81-0029 DFO (2)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

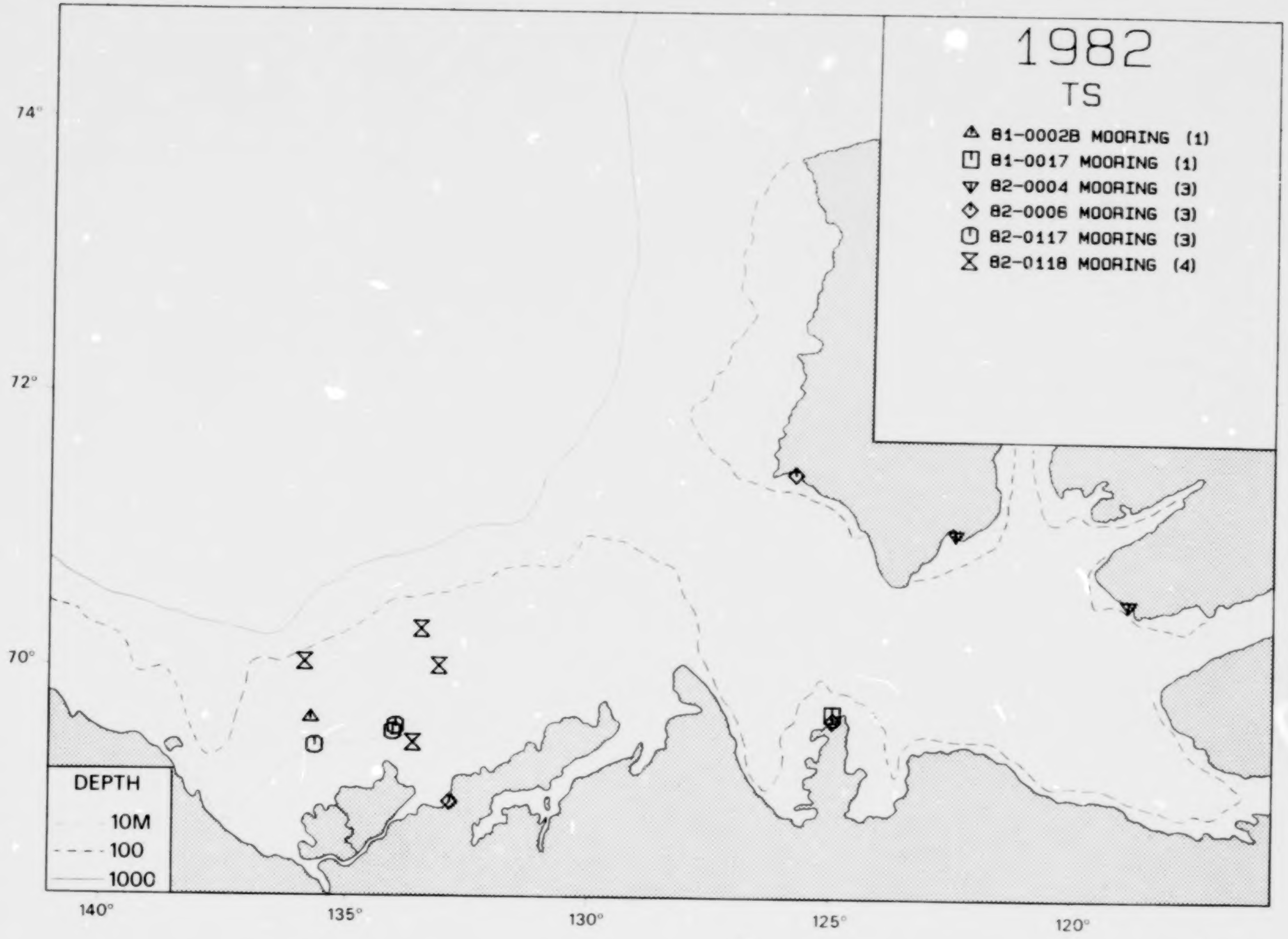

1981
TS
△ 81-0001 MOORING (3)
□ 81-0002A MOORING (2)
▽ 81-0002B MOORING (1)
◇ 81-0002C MOORING (1)
○ 81-0016 MOORING (2)
⧗ 81-0017 MOORING (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

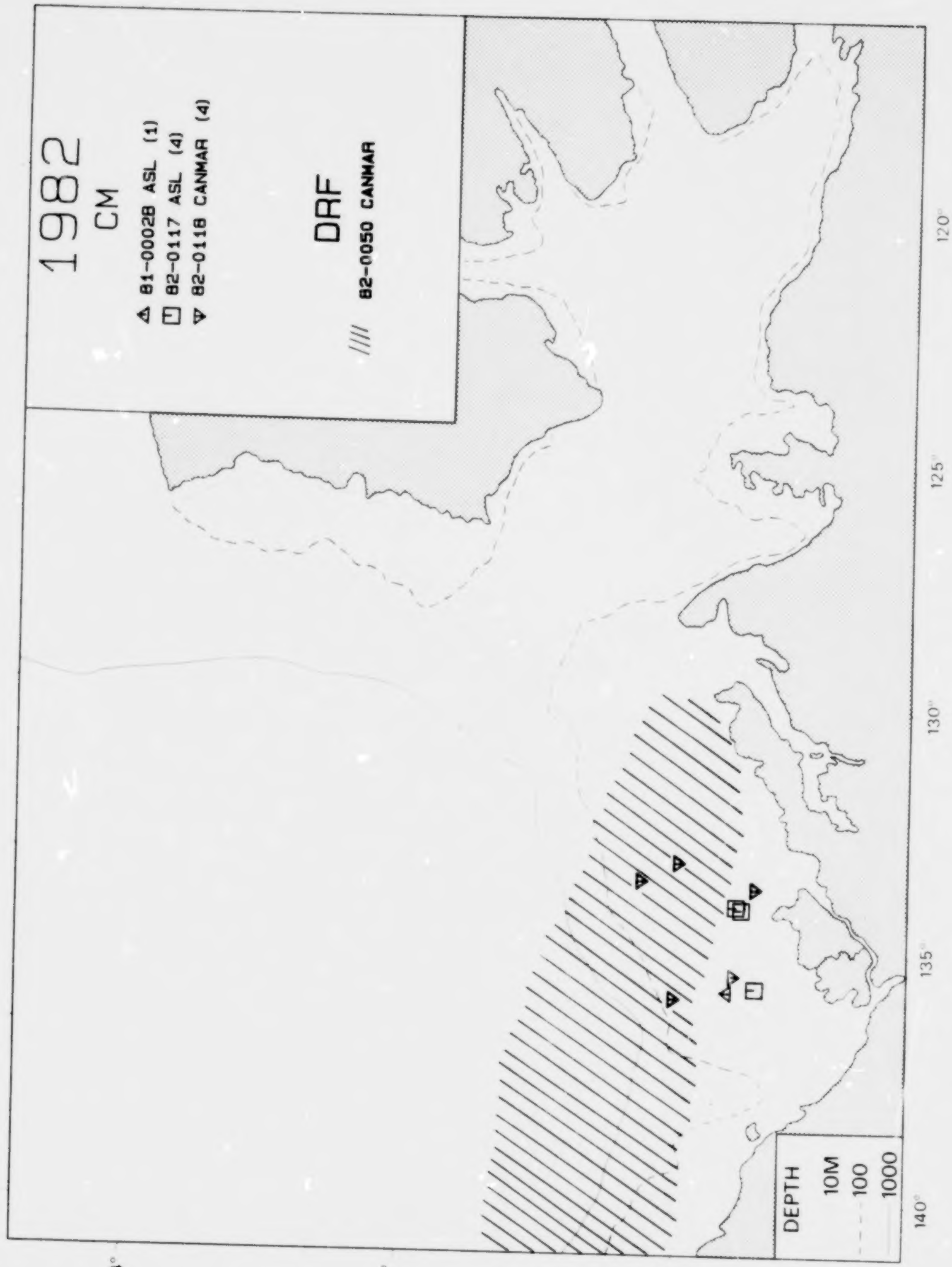

1981
TS
⚠ 81-0001 IOS (47)
□ 81-0002C CANMAR (6)
▽ 81-0003 ARCTIC LAB (5)
◇ 81-0013 ARCTIC LAB (55)
○ 81-0015 ARCTIC LAB (17)
⧗ 81-0018 SEQUEL (24)
◁ 81-0027 SEQUEL, LGL (18)
✚ 81-0029 DFO (2)
DEPTH
10 M
100
1000
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°
INSTITUTE OF OCEAN SCIENCES, 1982

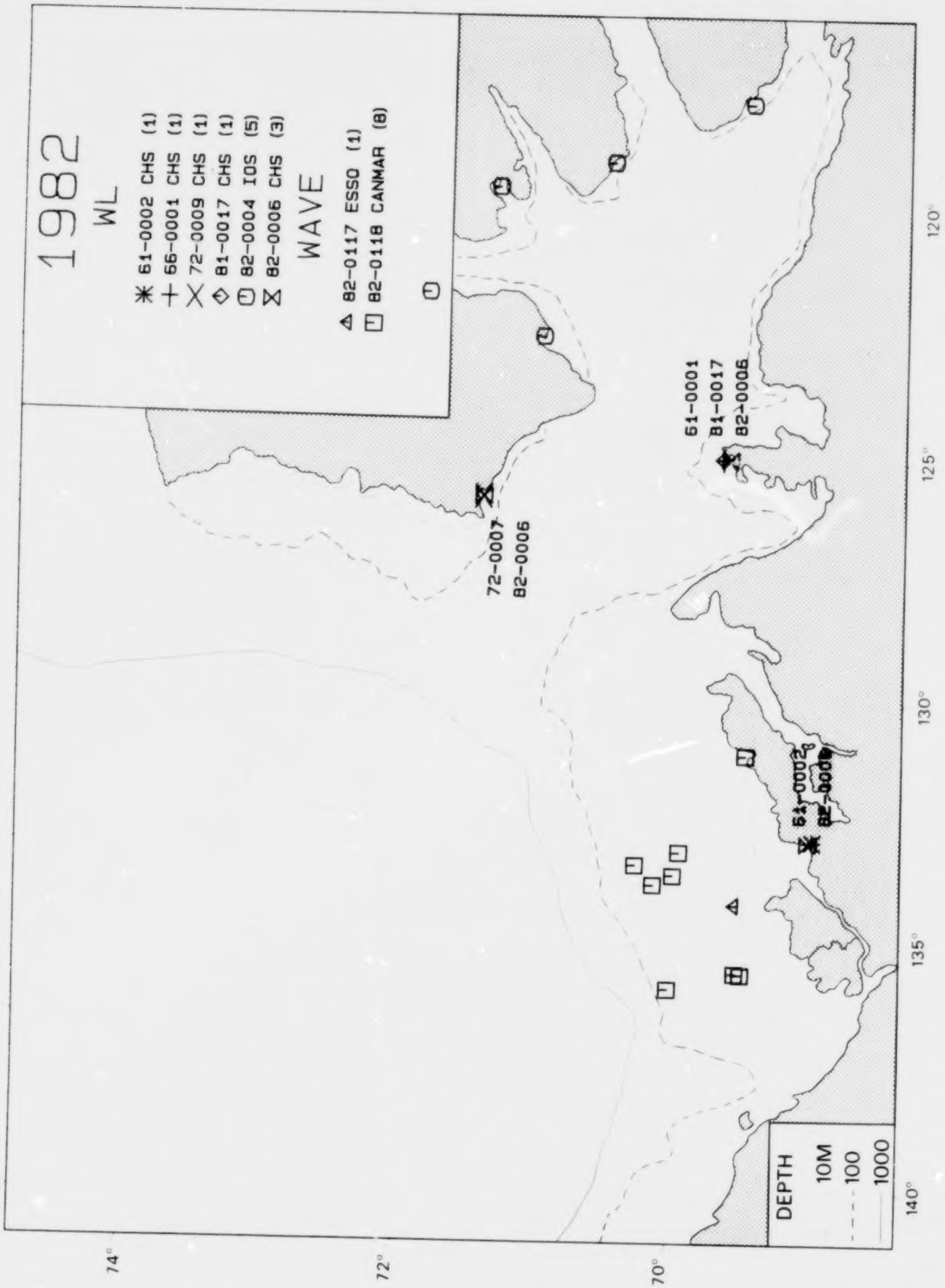

1981
CM
△ 81-0001 IOS (6)
□ 81-0002A ASL (2)
▽ 81-0002B ASL (1)
◇ 81-0002C CANMAR (11)
○ 81-0016 ARCTIC SC.LTD. (4)
81-0006 NOT PLOTTED
DRF
//// 81-0038 CANMAR
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

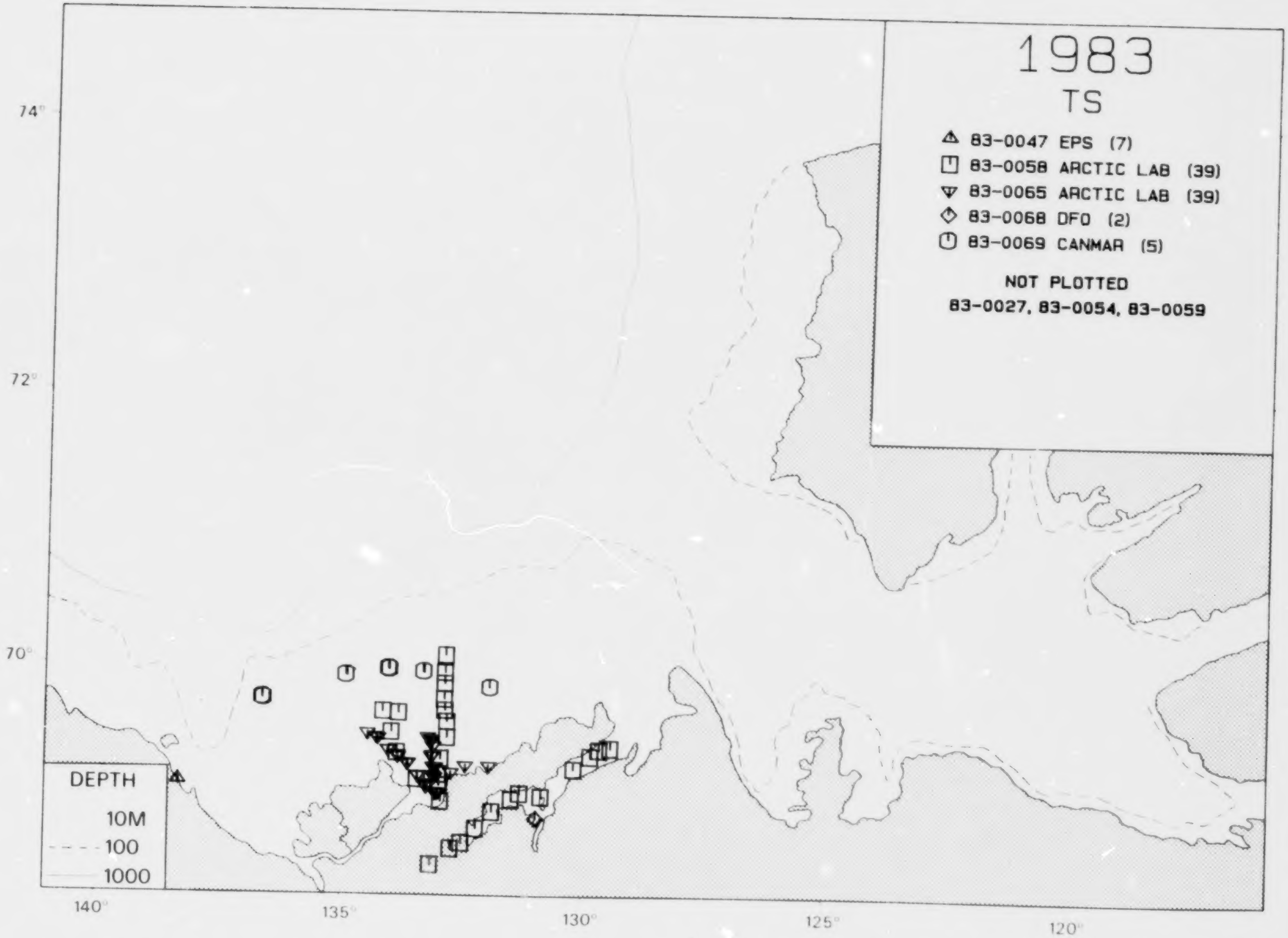

1981
WL
61-0002 CHS (1)
66-0001 CHS (1)
72-0009 CHS (1)
80-0011B CHS (1)
81-0017 CHS (5)
WAVE
81-0002C CANMAR (4)
66-0001
80-0011B
81-0017
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

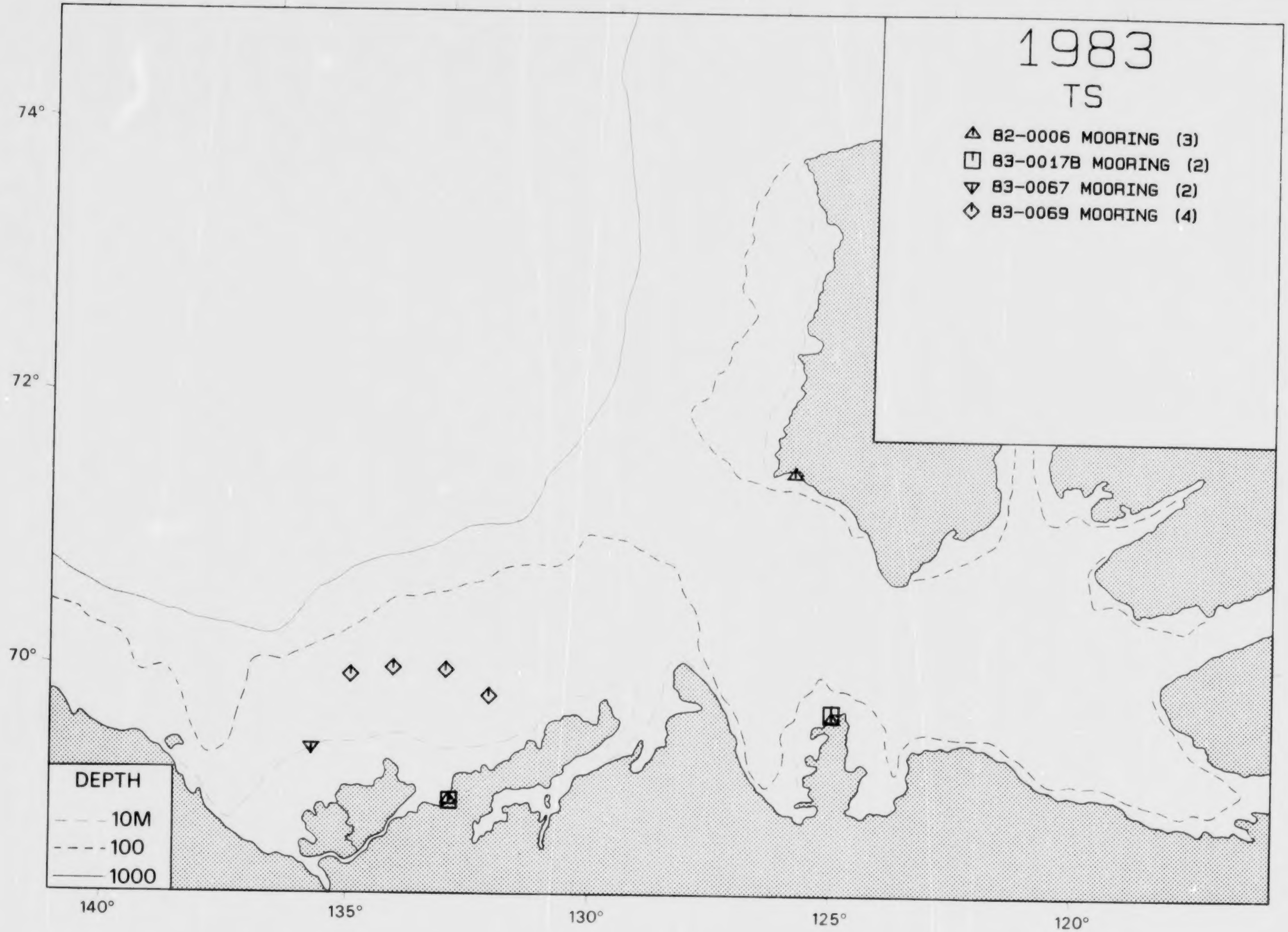

1982
TS
81-0003 ARCTIC LAB (2)
82-0003 ASL (25)
82-0032 DFO (4)
82-0093 ARCTIC LAB (2)
82-0094 ARCTIC LAB (4)
82-0095 EPS (15)
82-0097A ARCTIC LAB (21)
82-0111 DFO (2)
82-0118 CANMAR (6)
82-0119 ARCTIC LAB (15)
NOT PLOTTED
82-0105, 82-0110
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

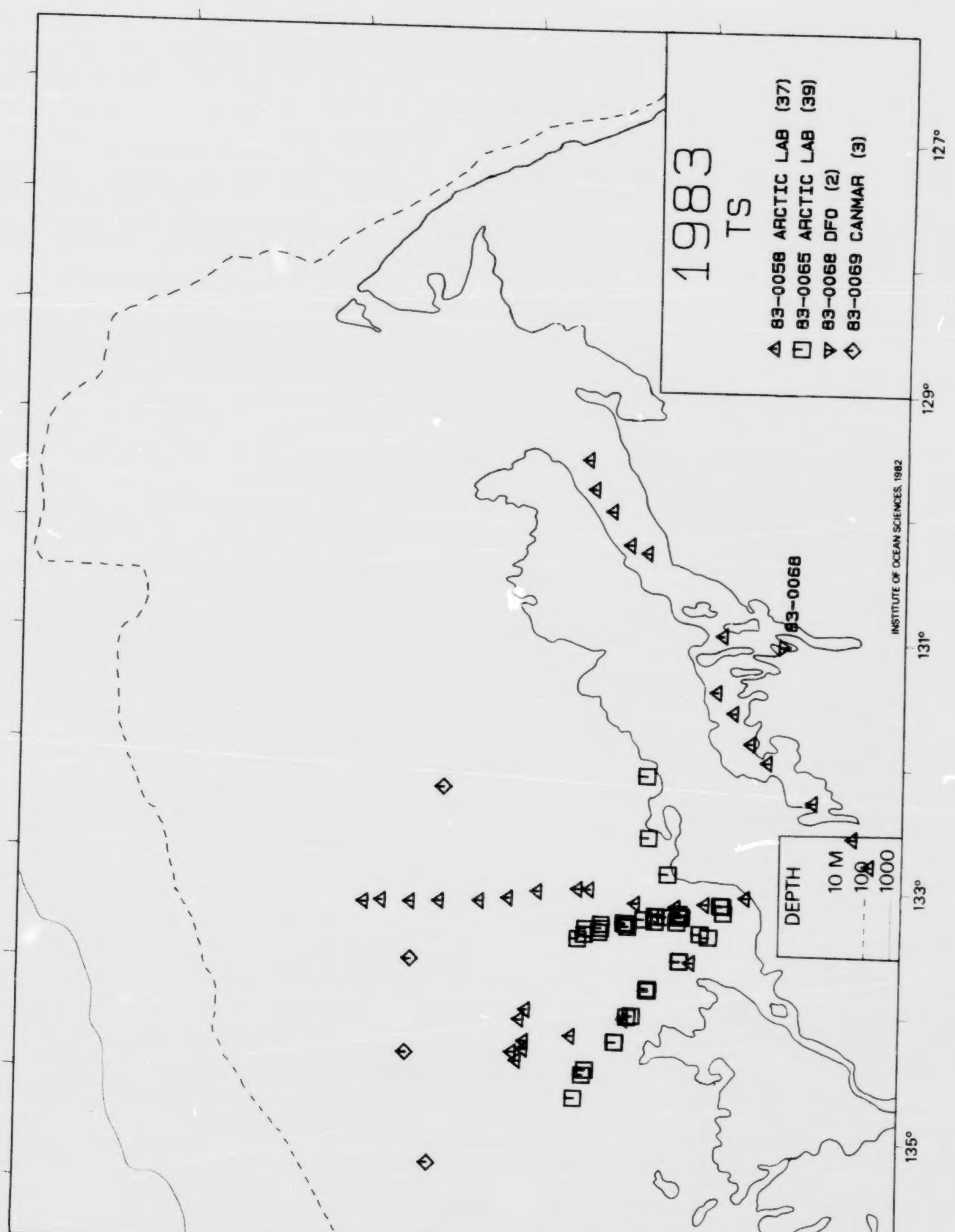

1982
TS
△ 81-0002B MOORING (1)
☐ 81-0017 MOORING (1)
▽ 82-0004 MOORING (3)
◇ 82-0006 MOORING (3)
○ 82-0117 MOORING (3)
⧗ 82-0118 MOORING (4)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

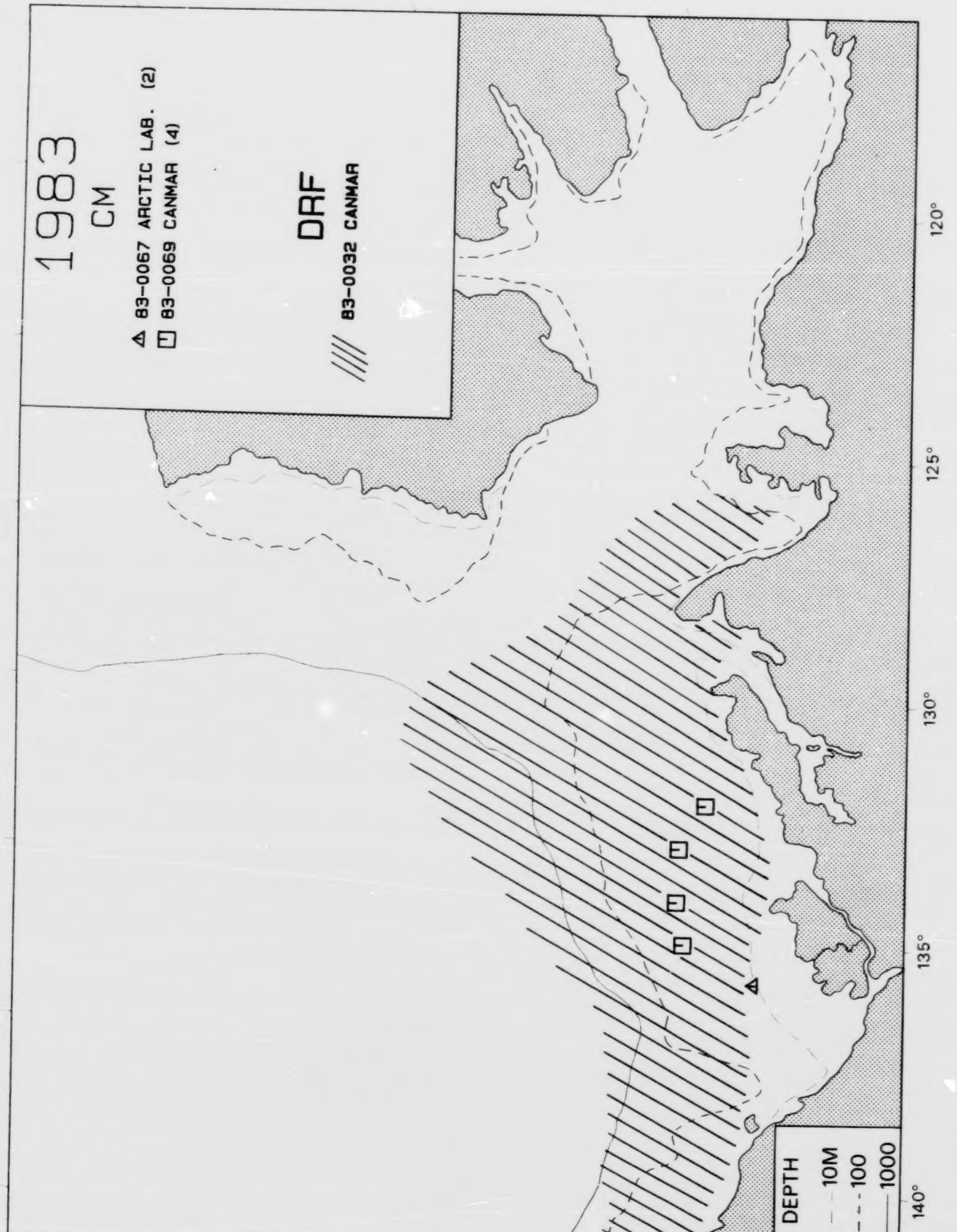

1982
CM
△ 81-0002B ASL (1)
□ 82-0117 ASL (4)
▽ 82-0118 CANMAR (4)
DRF
//// 82-0050 CANMAR
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

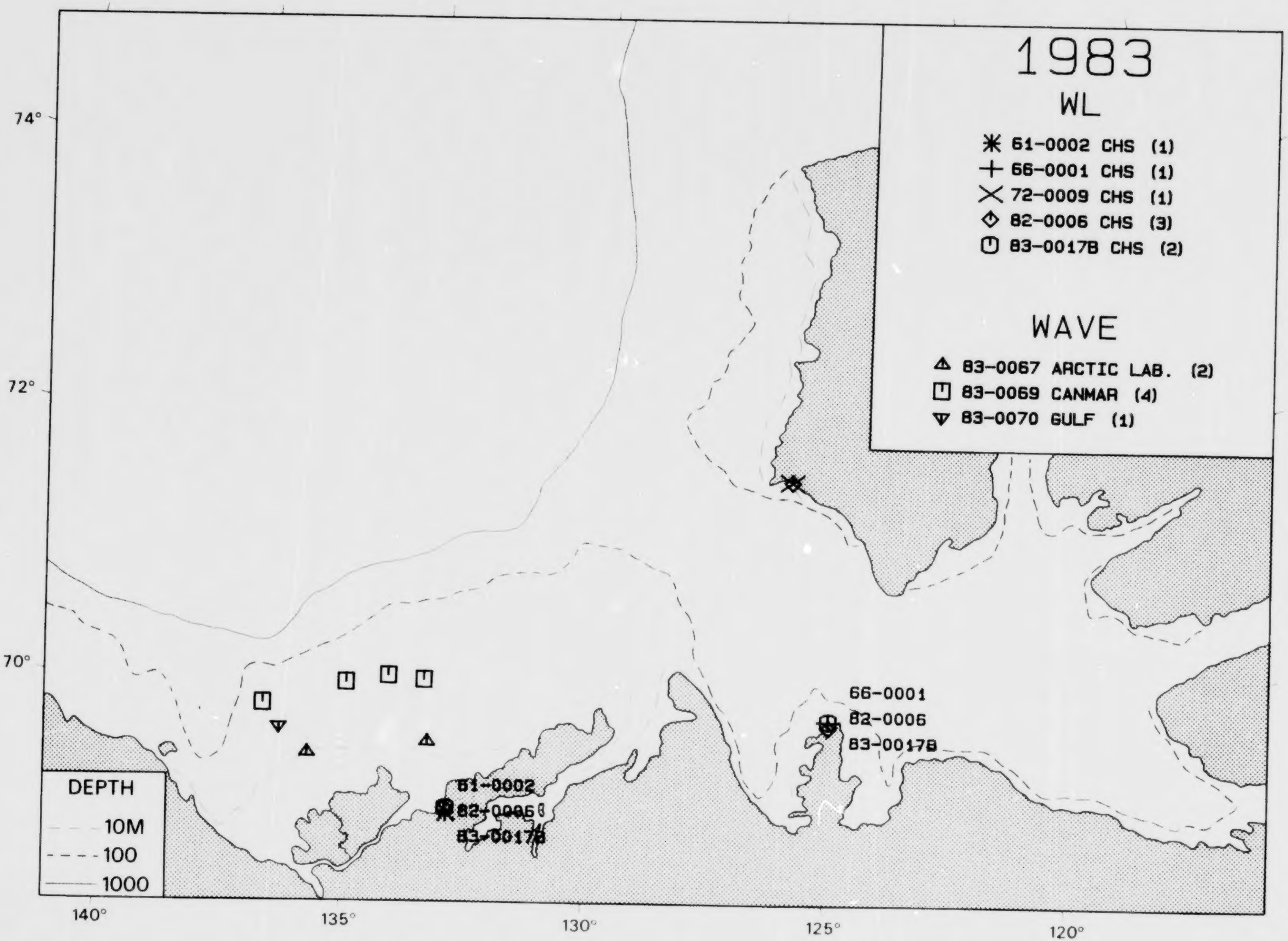

1982
WL
61-0002 CHS (1)
56-0001 CHS (1)
72-0009 CHS (1)
81-0017 CHS (1)
82-0004 IOS (5)
82-0006 CHS (3)
WAVE
82-0117 ESSO (1)
82-0118 CANMAR (8)
61-0001
81-0017
82-0006
72-0007
82-0006
61-0002
82-0006
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

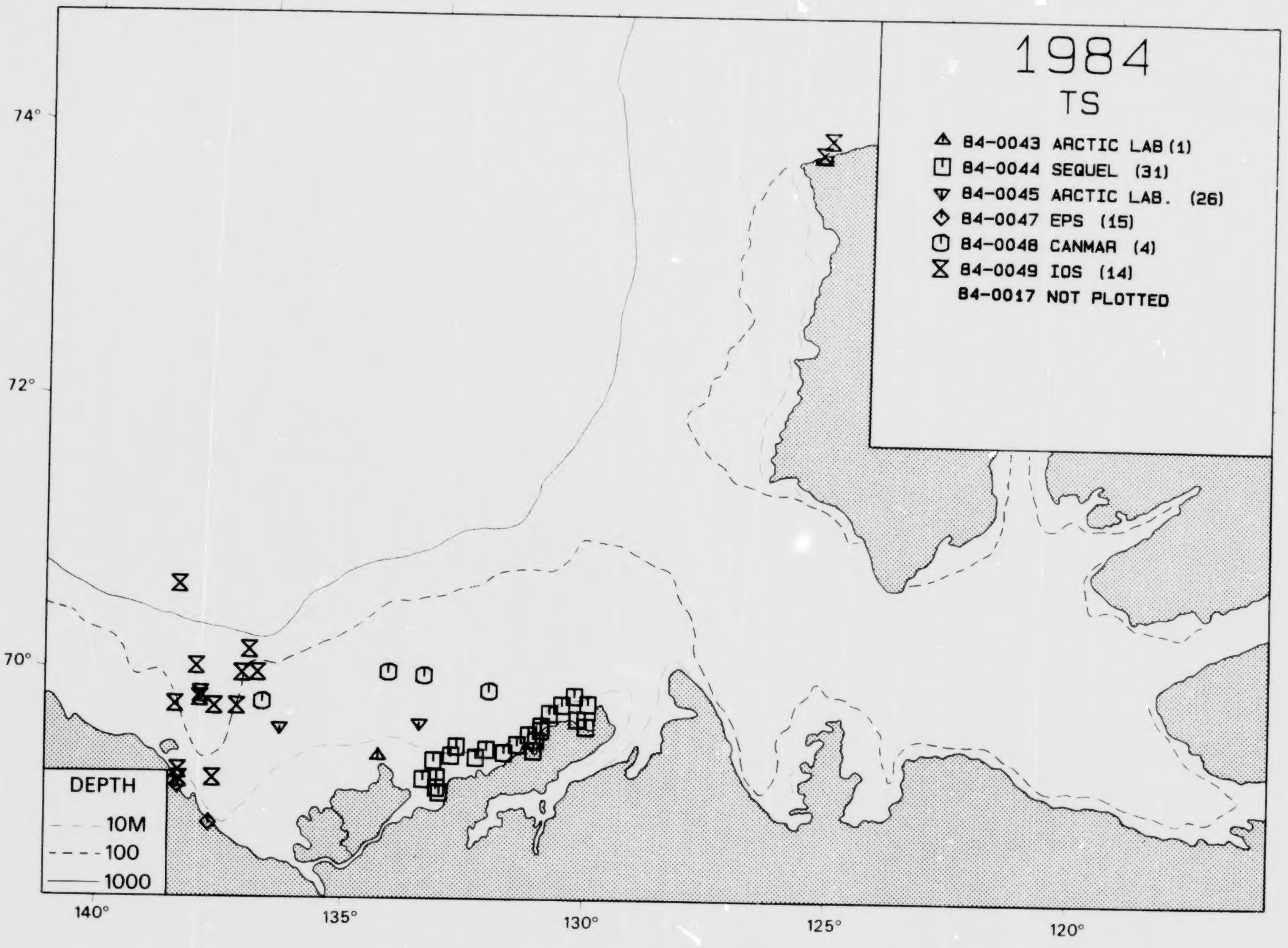

1983
TS
△ 83-0047 EPS (7)
☐ 83-0058 ARCTIC LAB (39)
▽ 83-0065 ARCTIC LAB (39)
◇ 83-0068 DFO (2)
○ 83-0069 CANMAR (5)
NOT PLOTTED
83-0027, 83-0054, 83-0059
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

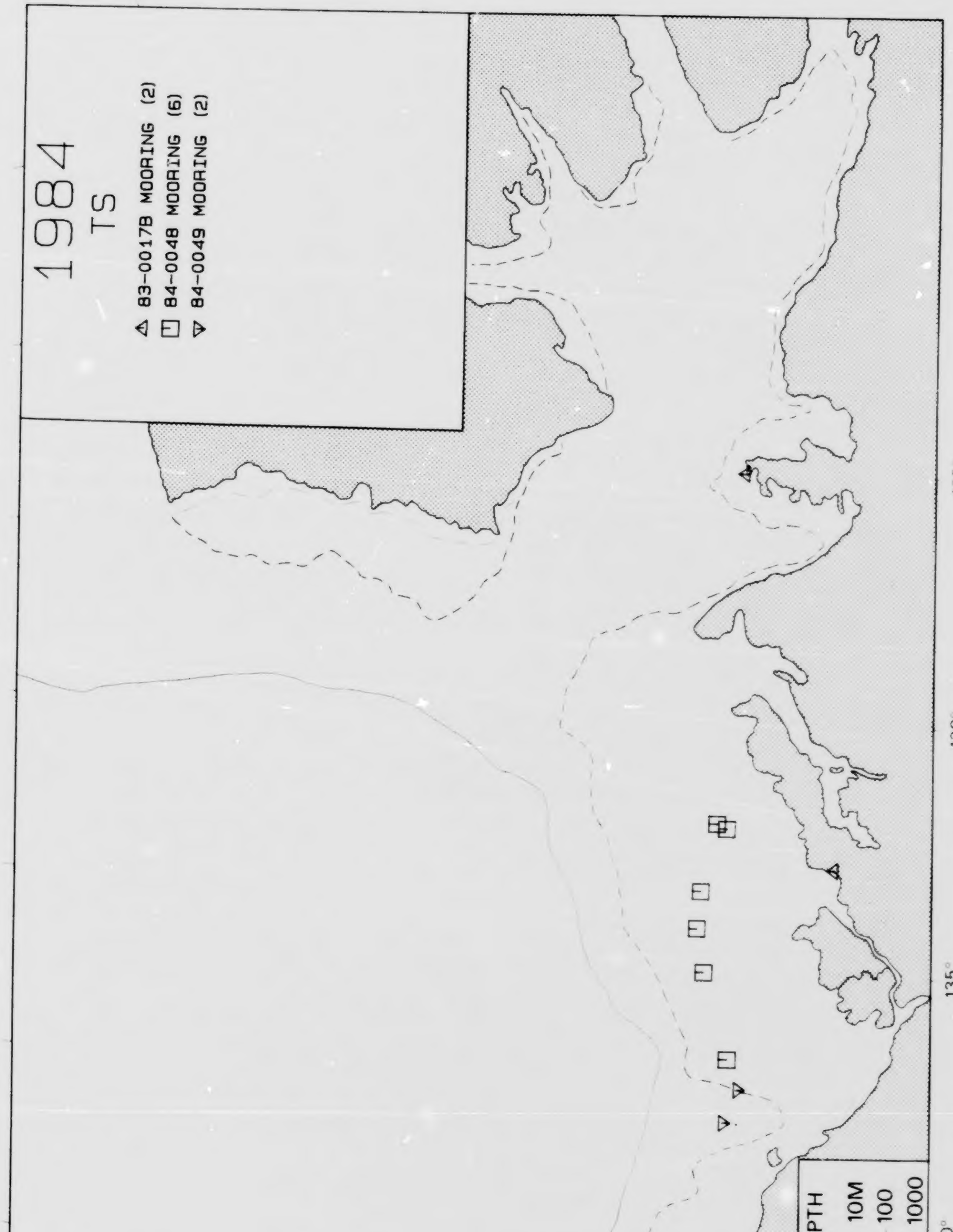

1983
TS
△ 82-0006 MOORING (3)
□ 83-0017B MOORING (2)
▽ 83-0067 MOORING (2)
◇ 83-0069 MOORING (4)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

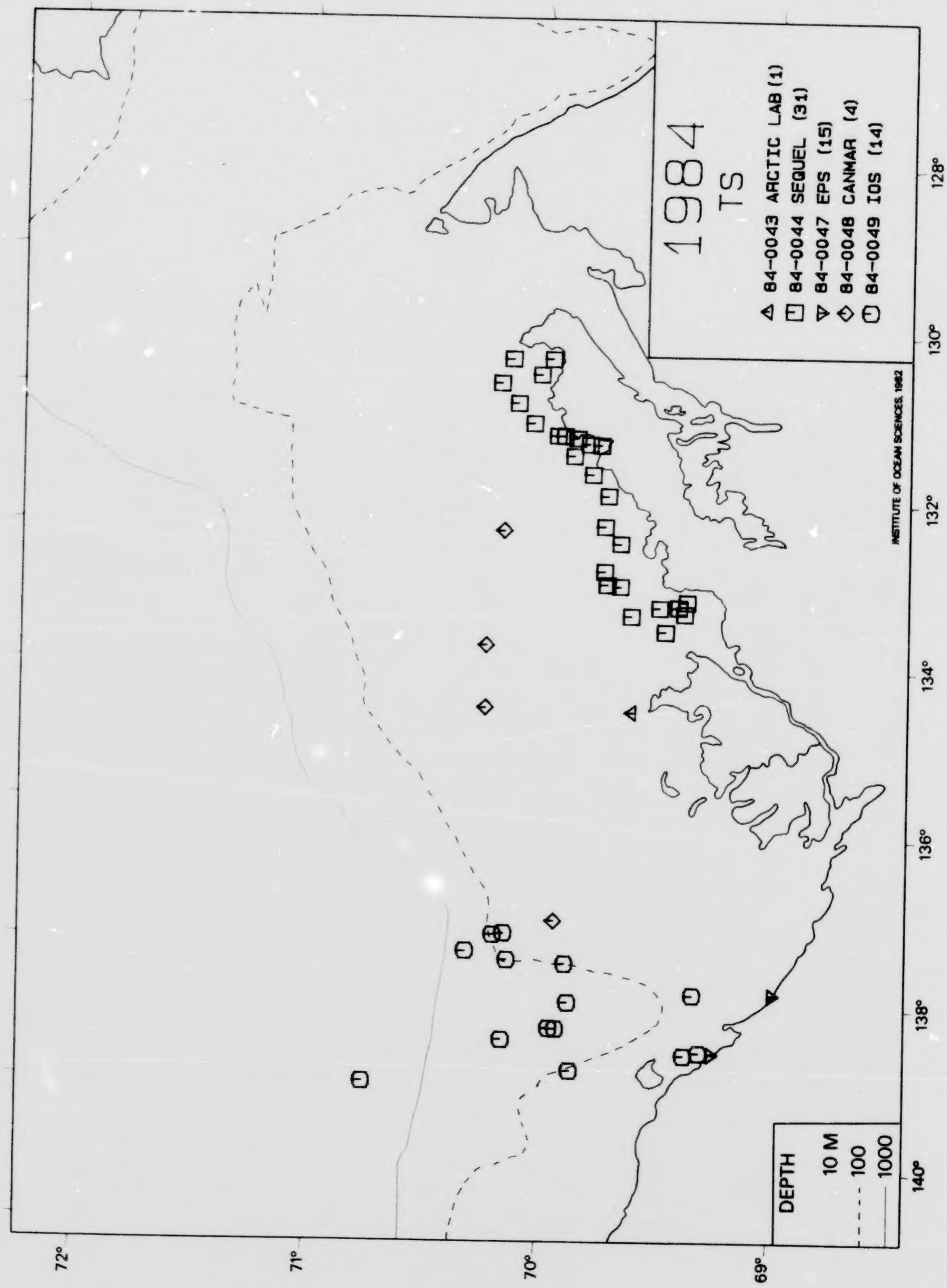

1983
Ts
83-0058 ARCTIC LAB (37)
83-0065 ARCTIC LAB (39)
83-0068 DFO (2)
83-0069 CANMAR (3)
83-0068
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30'
70°
30'
69°
135°
133°
131°
129°
127°

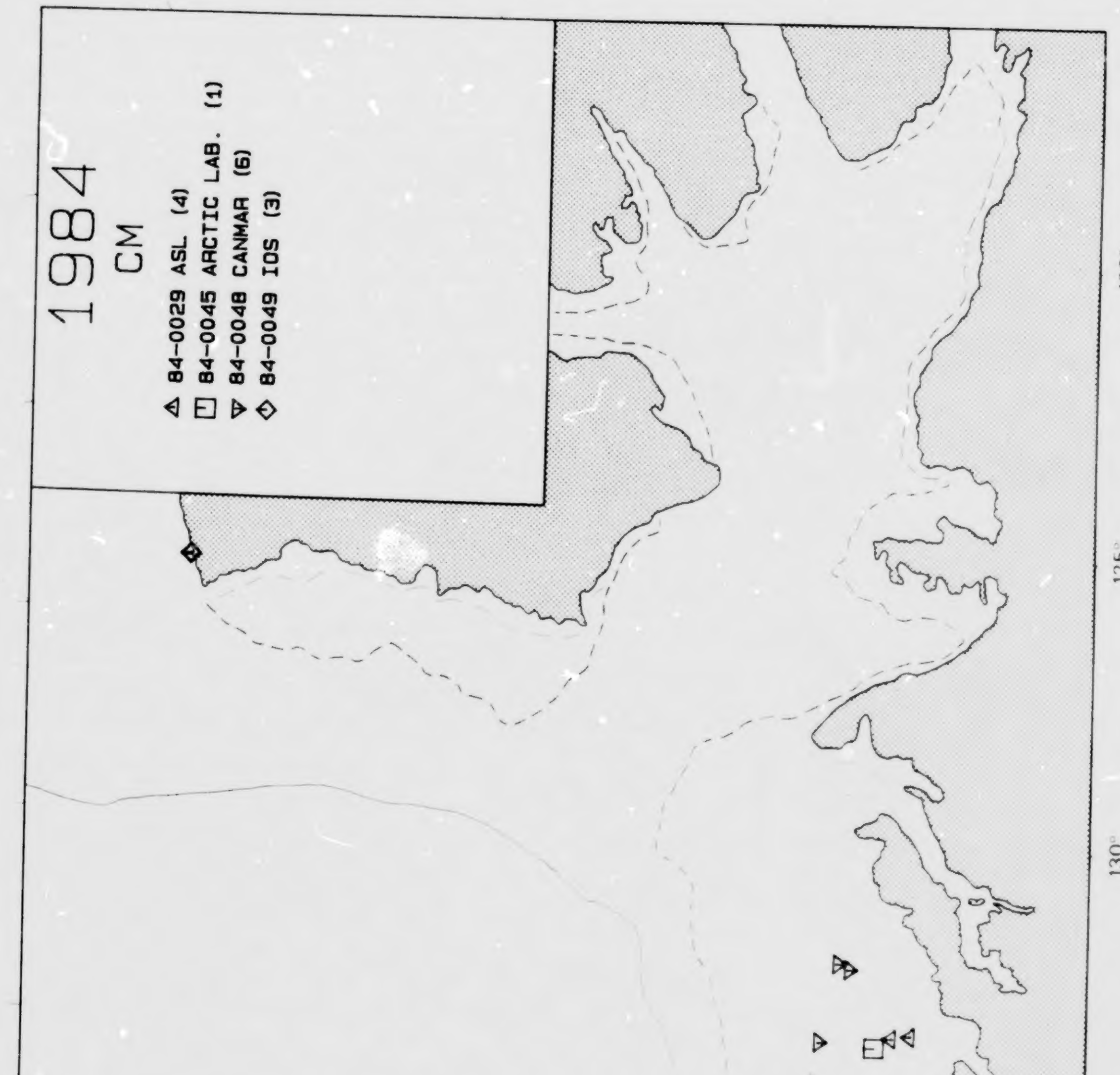

1983
CM
△ 83-0067 ARCTIC LAB. (2)
□ 83-0069 CANMAR (4)
DRF
//// 83-0032 CANMAR
DEPTH
10M
100
1000
120°
125°
130°
135°
140°
74°
72°
70°

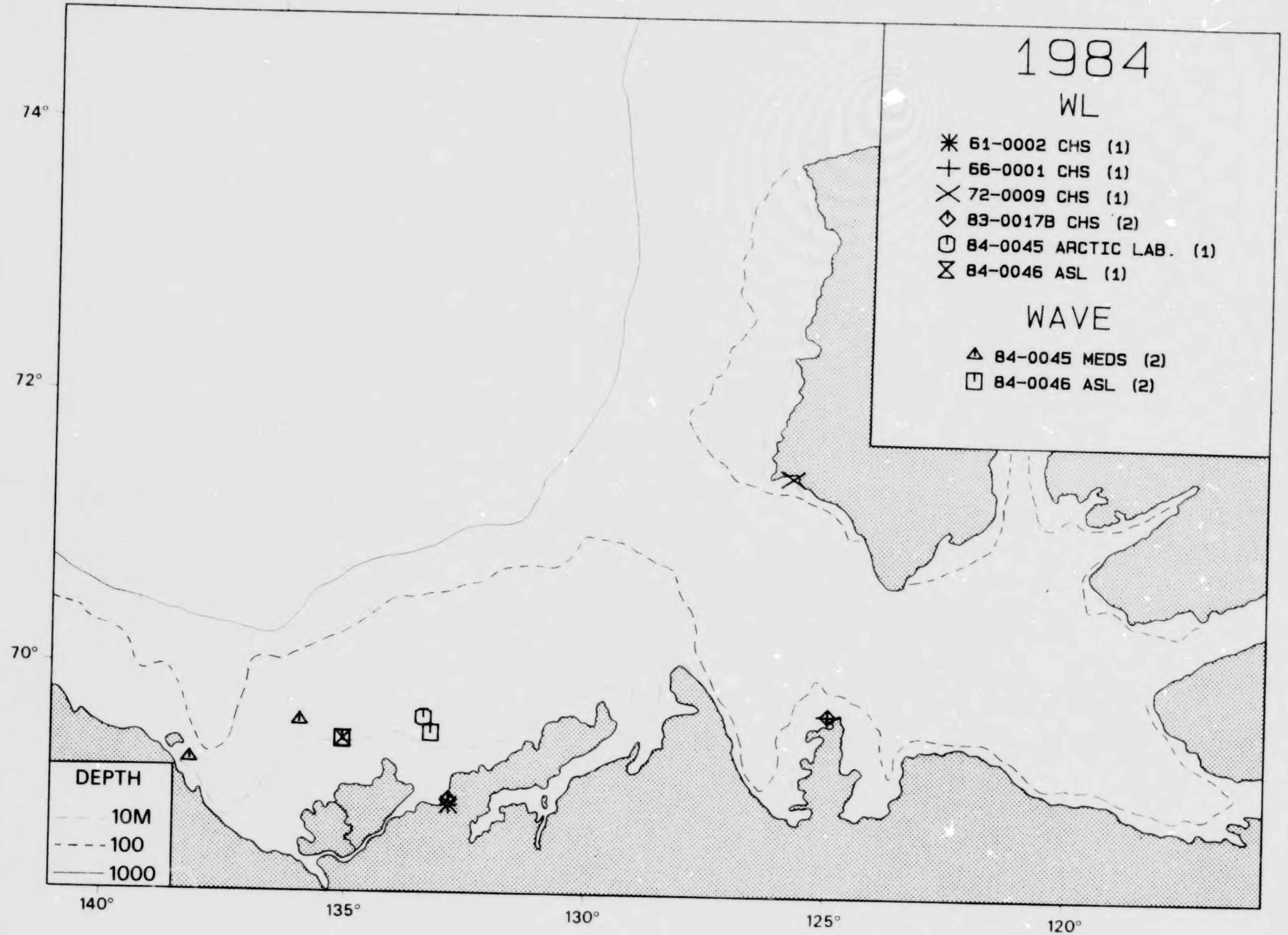

1983
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
✕ 72-0009 CHS (1)
◇ 82-0006 CHS (3)
83-0017B CHS (2)
WAVE
△ 83-0067 ARCTIC LAB. (2)
☐ 83-0069 CANMAR (4)
▽ 83-0070 GULF (1)
66-0001
82-0006
83-0017B
61-0002
82-0006
83-0017B
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

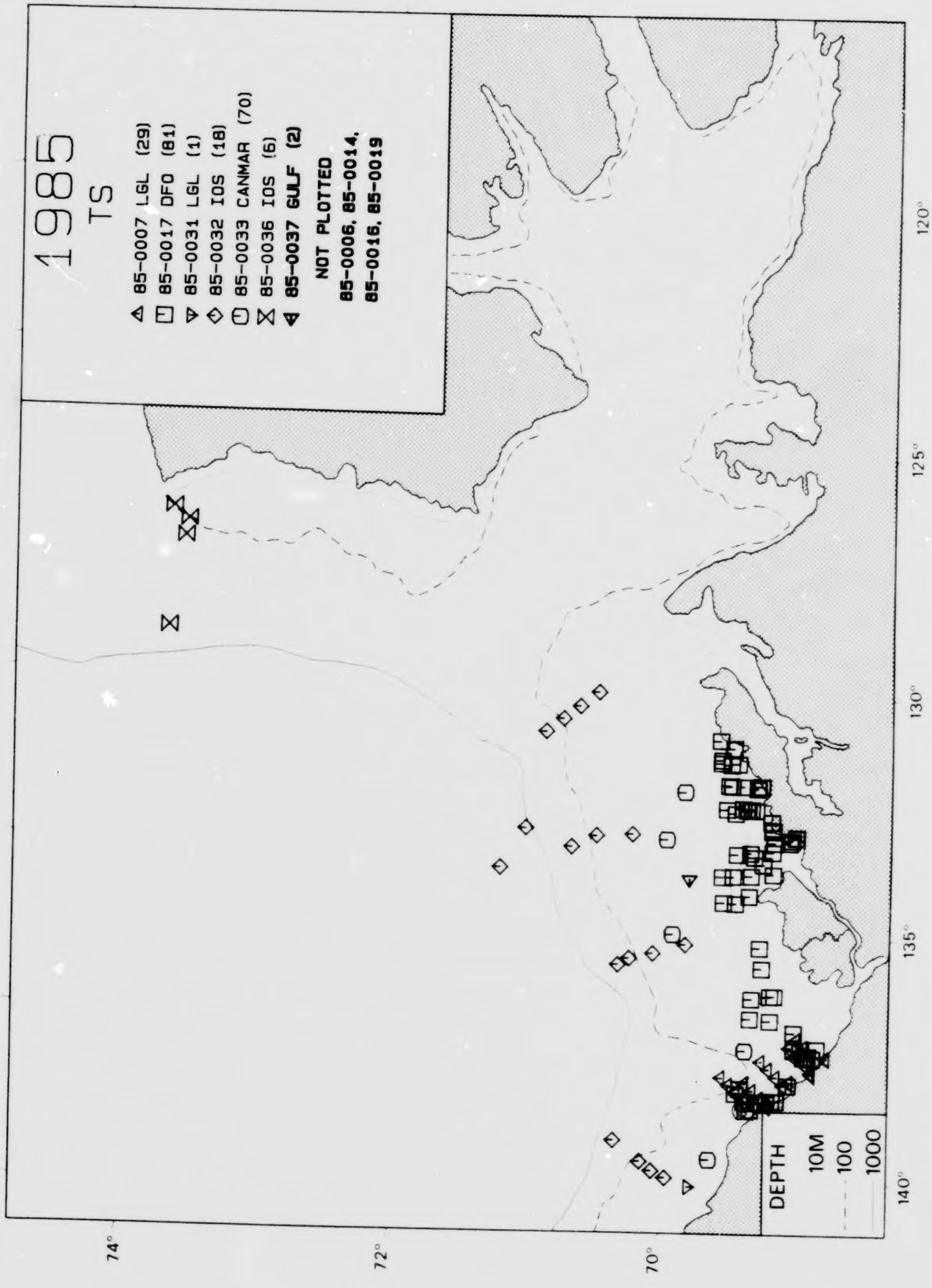

1984
TS
84-0043 ARCTIC LAB (1)
84-0044 SEQUEL (31)
84-0045 ARCTIC LAB. (26)
84-0047 EPS (15)
84-0048 CANMAR (4)
84-0049 IOS (14)
84-0017 NOT PLOTTED
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

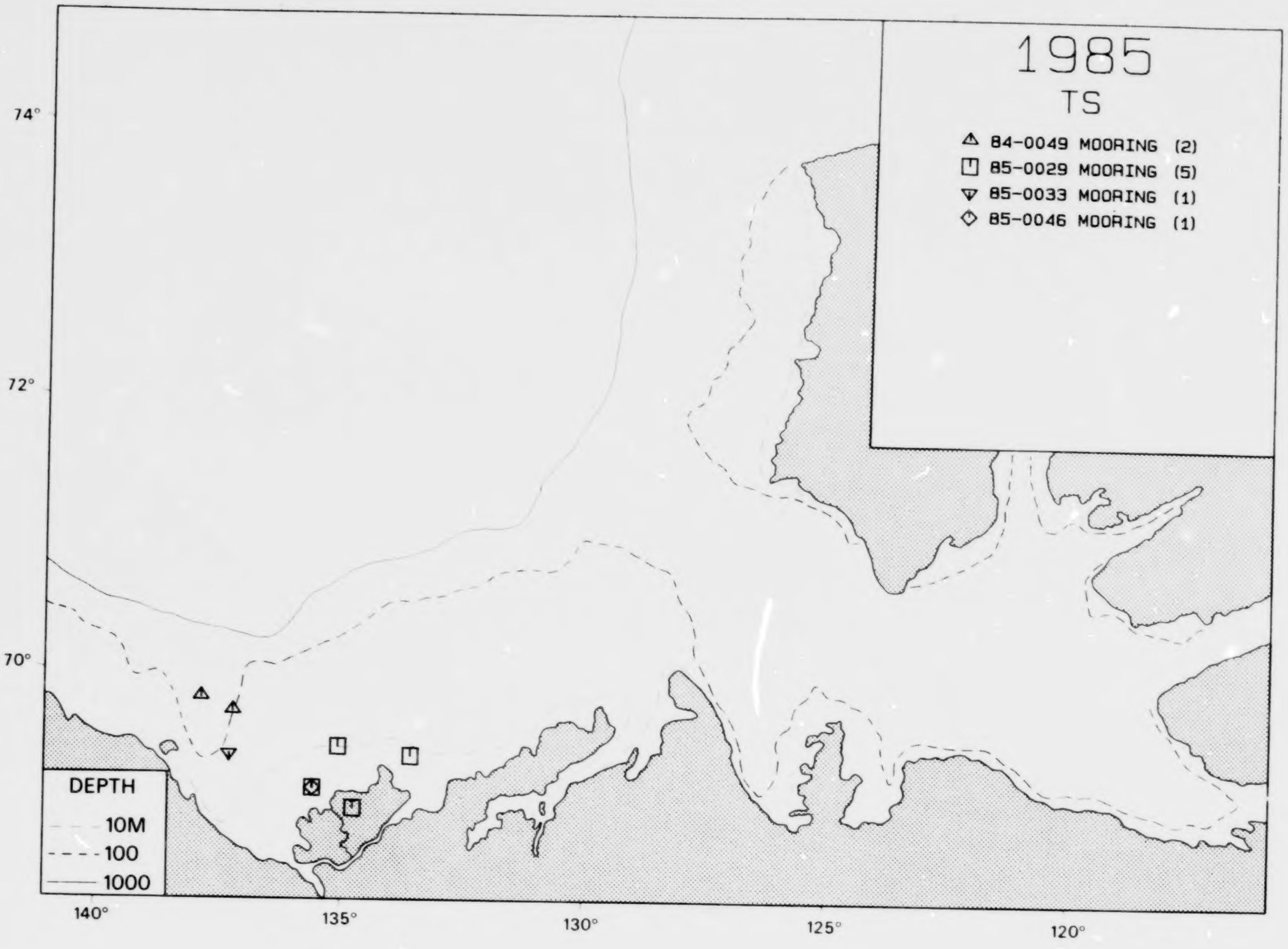

1984
TS
△ 83-0017B MOORING (2)
□ 84-0048 MOORING (6)
▽ 84-0049 MOORING (2)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

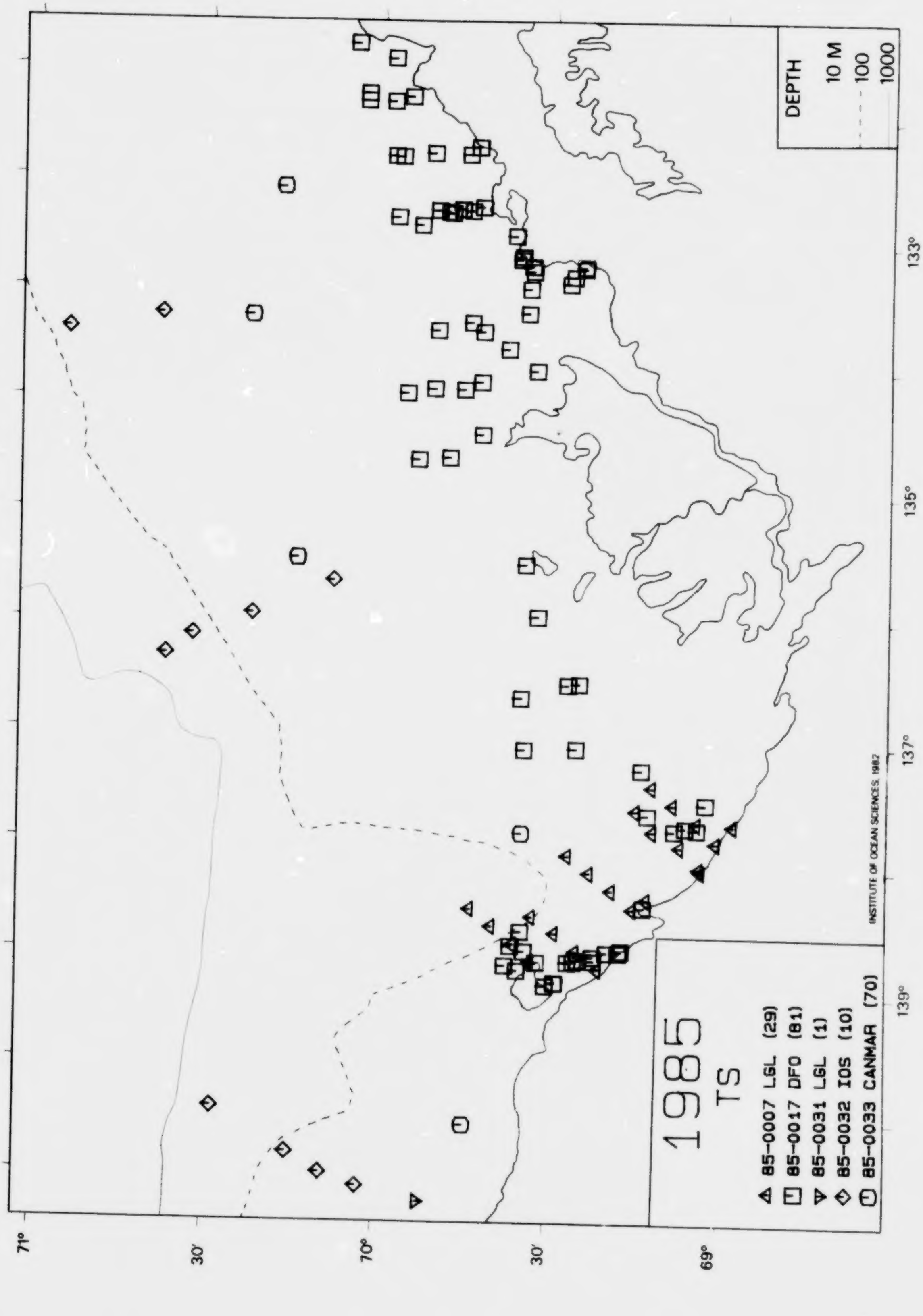

1984
TS
△ 84-0043 ARCTIC LAB (1)
□ 84-0044 SEQUEL (31)
▽ 84-0047 EPS (15)
◇ 84-0048 CANMAR (4)
○ 84-0049 IOS (14)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°

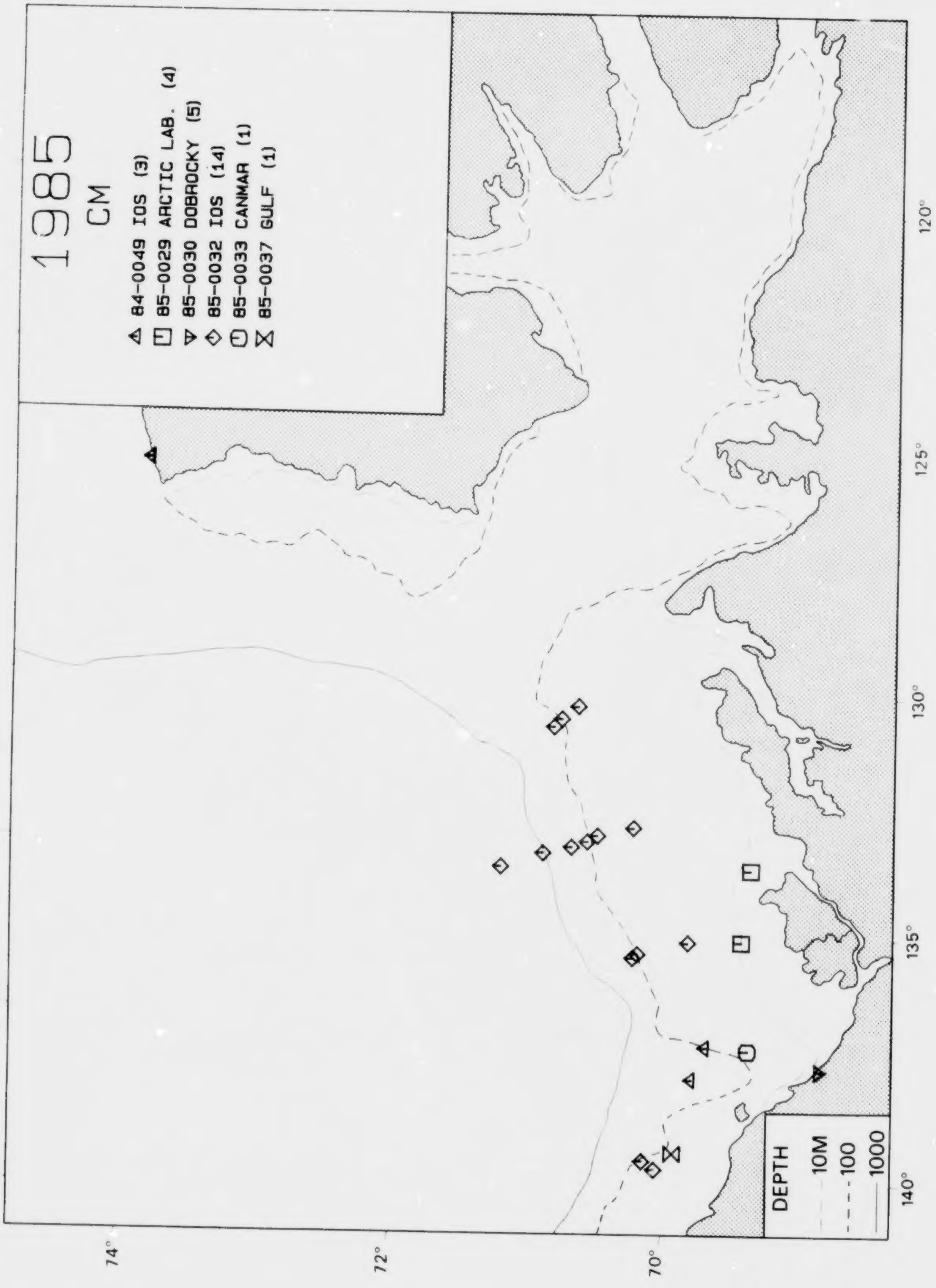

1984
CM
△ 84-0029 ASL (4)
□ 84-0045 ARCTIC LAB. (1)
▽ 84-0048 CANMAR (6)
◇ 84-0049 IOS (3)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

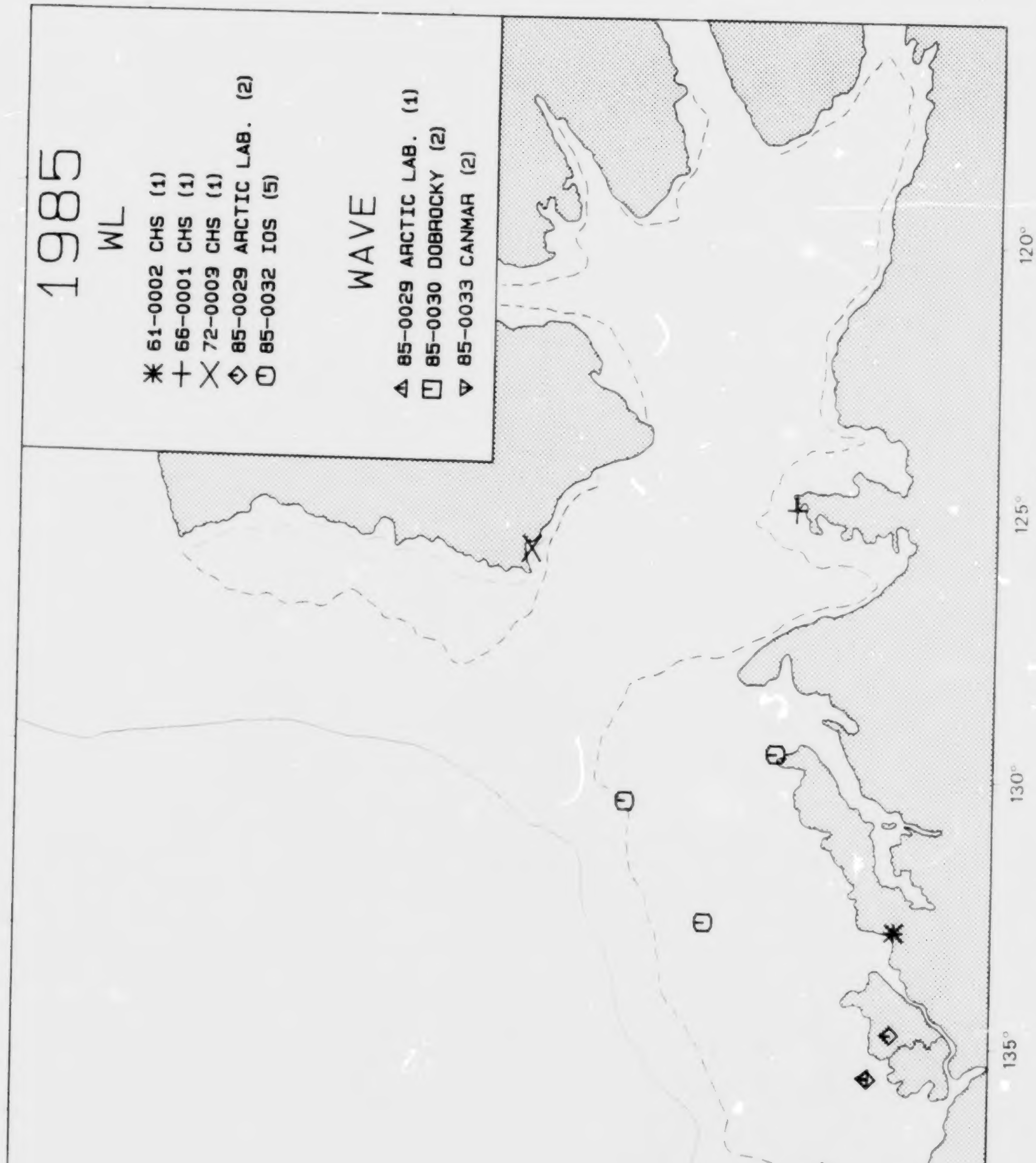

1984
WL
61-0002 CHS (1)
66-0001 CHS (1)
72-0009 CHS (1)
83-0017B CHS (2)
84-0045 ARCTIC LAB. (1)
84-0046 ASL (1)
WAVE
84-0045 MEDS (2)
84-0046 ASL (2)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

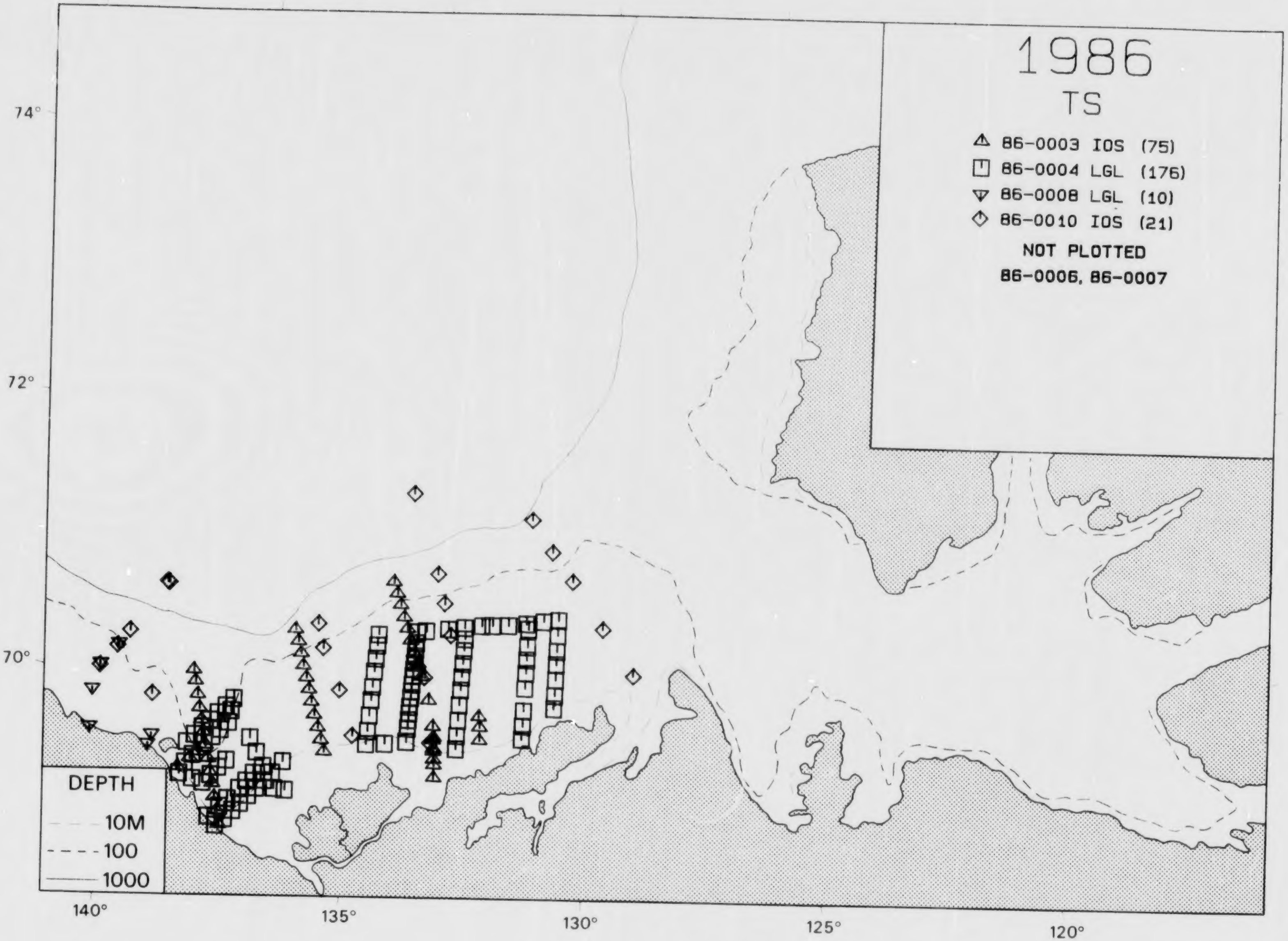

1985
TS
△ 85-0007 LGL (29)
⊡ 85-0017 DFO (81)
▽ 85-0031 LGL (1)
◇ 85-0032 IOS (18)
⊖ 85-0033 CANMAR (70)
⧖ 85-0036 IOS (6)
◀ 85-0037 GULF (2)
NOT PLOTTED
85-0006, 85-0014,
85-0016, 85-0019
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

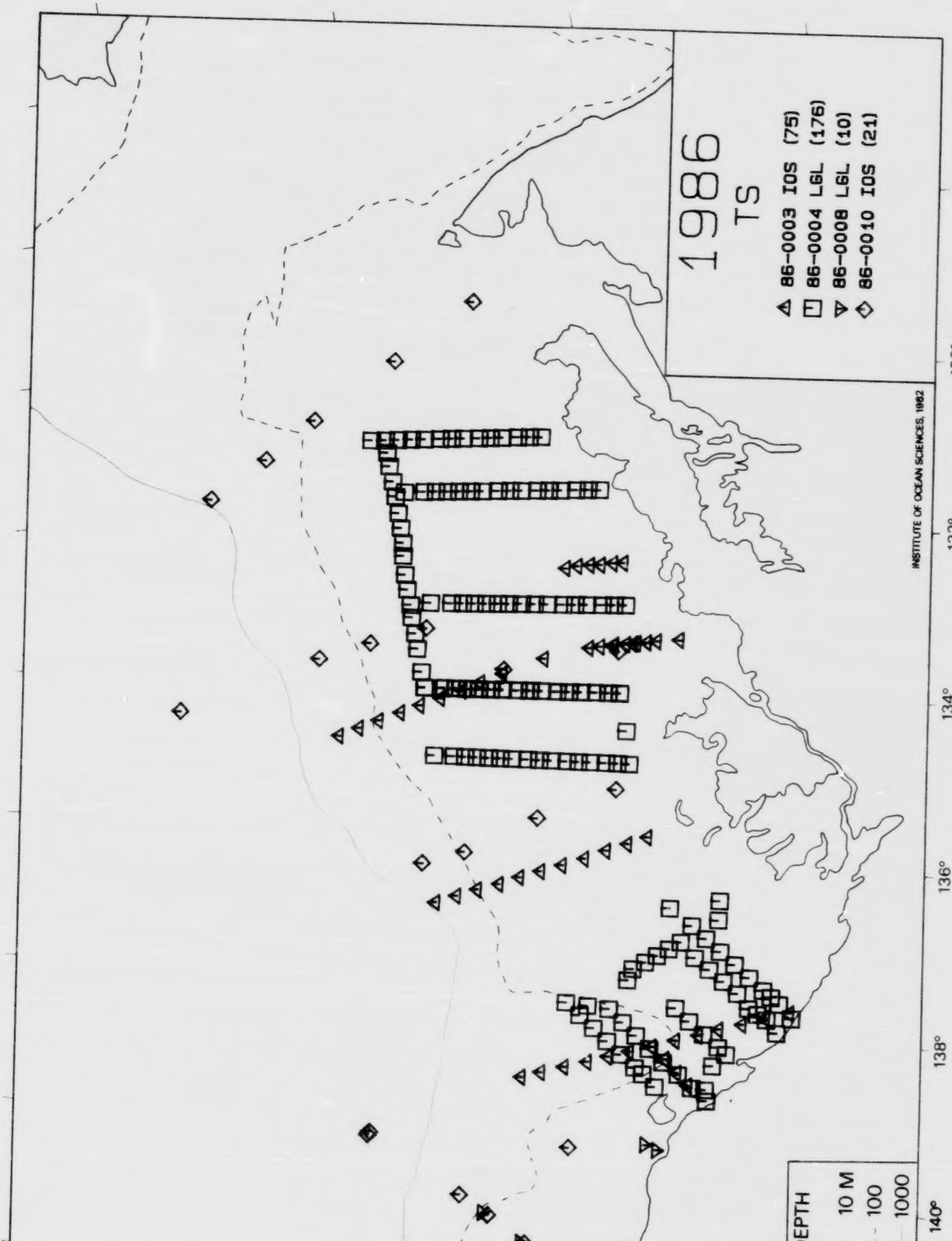

1985
TS
△ 84-0049 MOORING (2)
□ 85-0029 MOORING (5)
▽ 85-0033 MOORING (1)
◇ 85-0046 MOORING (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

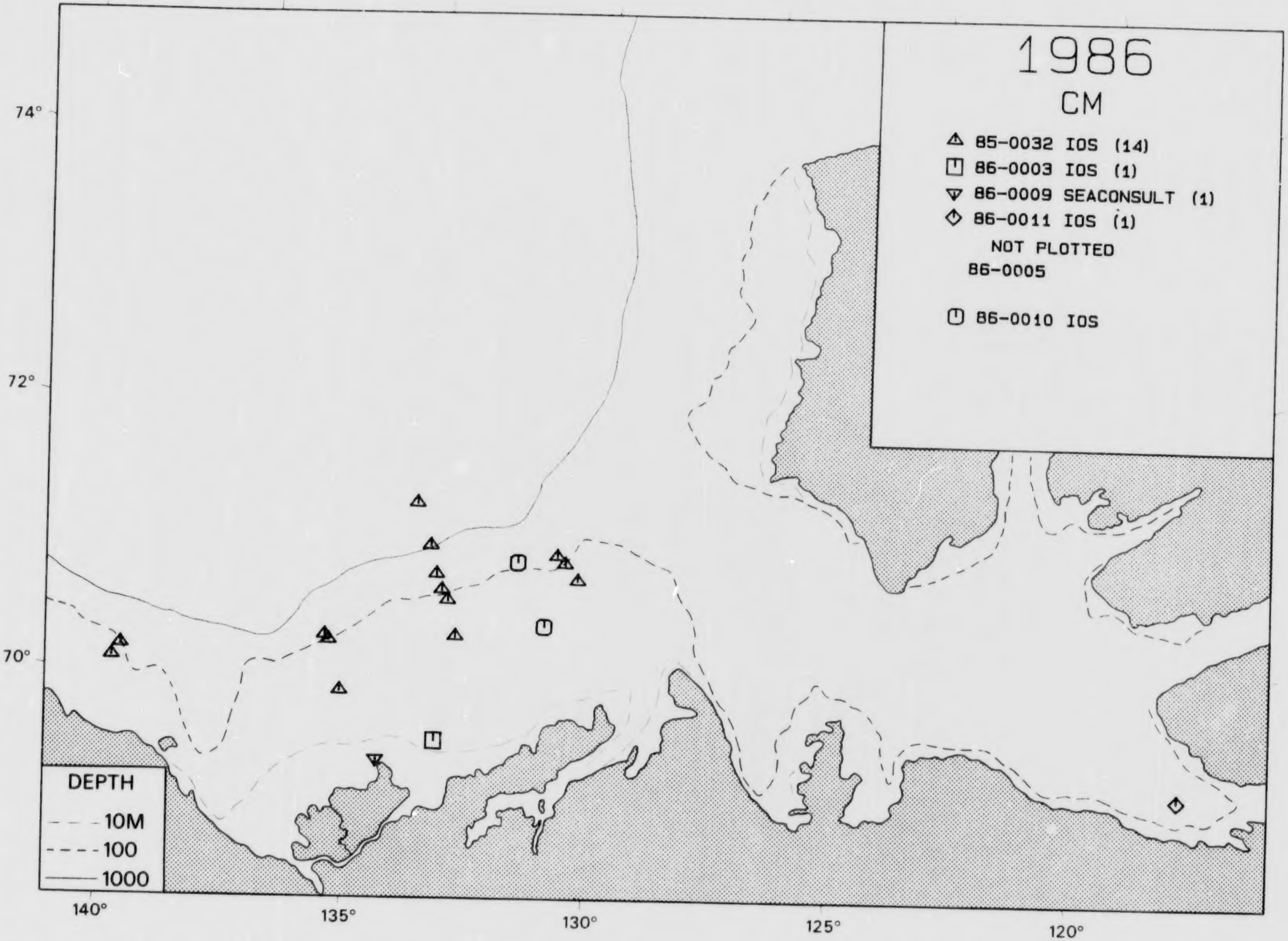

1985
TS
△ 85-0007 LGL (29)
□ 85-0017 DFO (81)
▽ 85-0031 LGL (1)
◇ 85-0032 IOS (10)
○ 85-0033 CANMAR (70)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
71°
30'
70°
30'
69°
133°
135°
137°
139°

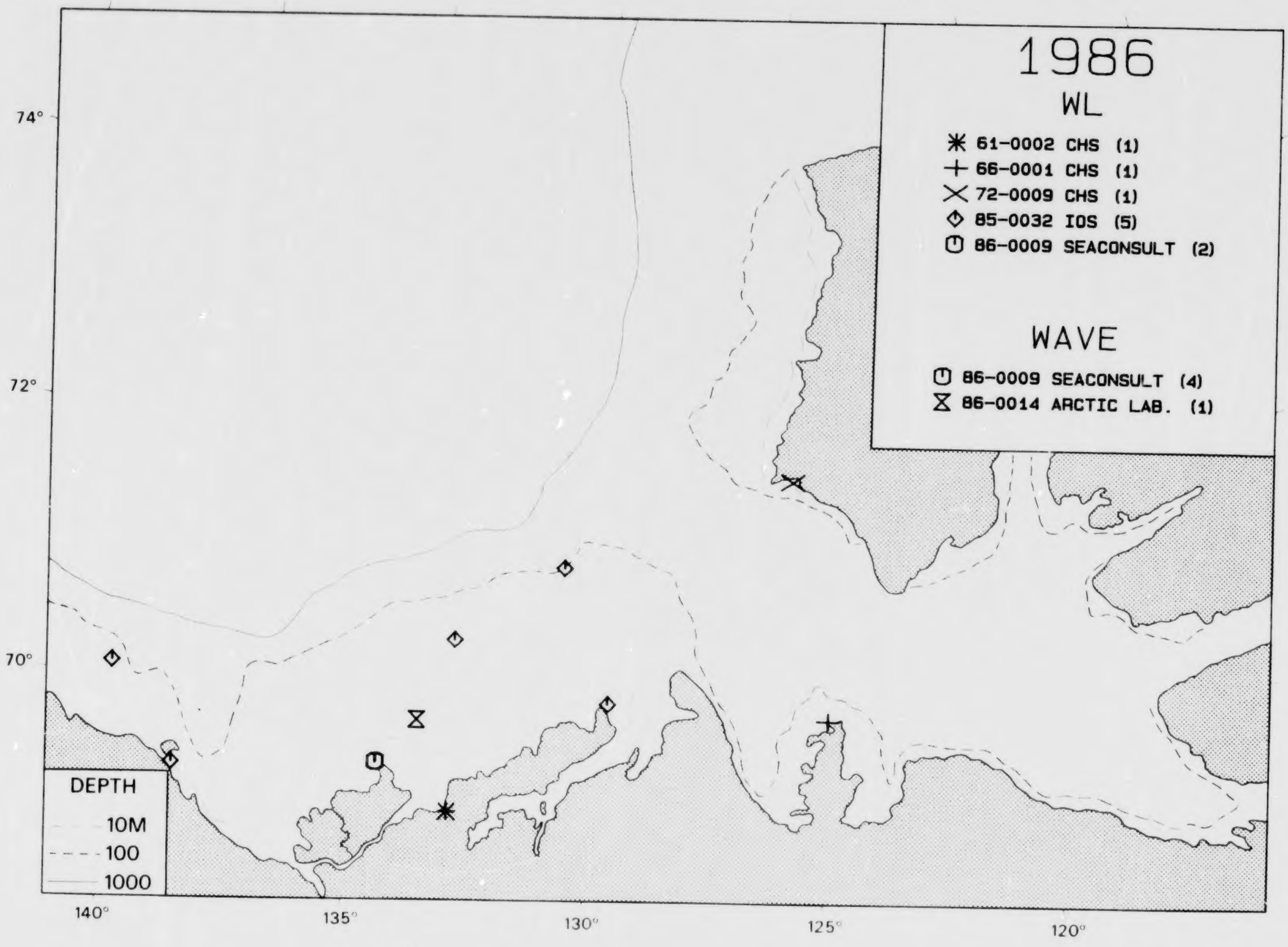

1985
CM
△ 84-0049 IOS (3)
⊡ 85-0029 ARCTIC LAB. (4)
▽ 85-0030 DOBROCKY (5)
◇ 85-0032 IOS (14)
○ 85-0033 CANMAR (1)
⧖ 85-0037 GULF (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°


1985
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
× 72-0003 CHS (1)
◇ 85-0029 ARCTIC LAB. (2)
⊓ 85-0032 IOS (5)
WAVE
△ 85-0029 ARCTIC LAB. (1)
□ 85-0030 DOBROCKY (2)
▽ 85-0033 CANMAR (2)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°


1986
TS
△ 86-0003 IOS (75)
☐ 86-0004 LGL (176)
▽ 86-0008 LGL (10)
◇ 86-0010 IOS (21)
NOT PLOTTED
86-0006, 86-0007
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°


1986
TS
△ 86-0003 IOS (75)
□ 86-0004 L6L (176)
▽ 86-0008 L6L (10)
◇ 86-0010 IOS (21)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°


1986
CM
△ 85-0032 IOS (14)
☐ 86-0003 IOS (1)
▽ 86-0009 SEACONSULT (1)
◇ 86-0011 IOS (1)
NOT PLOTTED
86-0005
86-0010 IOS
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°


1986
WL
✳ 61-0002 CHS (1)
+ 66-0001 CHS (1)
✕ 72-0009 CHS (1)
◇ 85-0032 IOS (5)
Ⓣ 86-0009 SEACONSULT (2)
WAVE
Ⓣ 86-0009 SEACONSULT (4)
⧖ 86-0014 ARCTIC LAB. (1)
DEPTH
10M
100
1000
74°
72°
70°
140°
135°
130°
125°
120°

10. INDEXES

This section contains three indexes to the data sets. The first is a geographical index which provides a listing by sub-area. All data sets with any measurements in a particular sub-area (defined in Figure 1) are listed by I.D. number under that sub-area.

The second index classifies the data sets by measurement type, under the following headings:

Temperature and salinity-bottle : measurements at discrete points in the water column, using bottle casts

Profiles of temperature and salinity : measurements made with a profiling instrument such as a CTD

Water levels, bottom pressure : measurements from shore-based tide stations or bottom-pressure gauges

Eulerian currents : measurements of current velocity at a fixed point with a current meter

Lagrangian drift paths : measurements of circulation using free-floating drifters

Waves : measurements of waves at a fixed point.

The third index lists references for each data set by number. The data-set number appears at the left-hand side of the page, with references listed to the right. The main references are listed, followed by other interpretive or analytical references, indented with respect to the main references. The list of interpretive or analytical references may not be complete.

10.1 GEOGRAPHICAL INDEX

THETIS/ PHILLIPS BAYS	MACKENZIE BAY	KUGMALLIT BAY	MCKINLEY BAY	ESKIMO LAKES & LIVERPOOL BAY	AMUNDSEN GULF
35-0001	52-0001	33-0004	71-0002	61-0001	35-0001
51-0002	60-0003	56-0004	75-0008	62-0001	37-0001
52-0001	64-0003	59-0004	79-0010	71-0001	51-0002
60-0001	65-0001	61-0001	80-0016	71-0004	51-0004
60-0003	66-0002	61-0002		72-0004	52-0001
73-0004	66-0006	62-0002		72-0010	52-0004
74-0002	70-0004	62-0003		73-0003	53-0001
74-0004	70-0005	62-0004		74-0010	54-0001
74-0005	70-0071	63-0002		75-0003	54-0002
74-0006	72-0003	63-0003		75-0007	54-0003
75-0002	72-0004	64-0003		75-0008	55-0002
75-0003	72-0006	65-0001		75-0010	56-0001
75-0006	72-0007	66-0002		76-0002	57-0001
75-0007	72-0010	70-0003		77-0005	57-0002
75-0008	73-0001	70-0005		77-0035	59-0002
75-0009	73-0002	71-0001		81-0029	62-0001
85-0032	73-0023	72-0010			63-0001
	74-0001	73-0002			64-0001
	74-0002	74-0001			66-0001
	74-0003	74-0003			70-0002
	74-0004	74-0002			70-0004
	74-0005	74-0005			72-0010
	74-0019	74-0006			73-0004
	74-0021	74-0007B			74-0027A
	74-0020	74-0020			75-0001
	74-0022	75-0001			75-0026
	75-0002	75-0003			75-0028
	75-0003	75-0004			76-0002
	75-0004	75-0007			77-0003
	75-0006	75-0012			77-0005
	75-0008	75-0024			77-0035
	75-0011	76-0002			78-0114
	75-0024	76-0003			79-0001
	75-0025	76-0020			79-0005
	76-0002	77-0002			80-0001
	76-0004	77-0035			82-0003
	76-0020	78-0031			
	77-0001	80-0004			
	81-0018	81-0013			
	82-0094	81-0029			
	82-0095	83-0065			
	83-0047	84-0044			
	84-0045	85-0017			
	84-0049	86-0003			
	85-0007				
	85-0029				
	85-0030				
	86-0003				
	86-0009				

BANKS ISLAND SHELF	CONTINENTAL SLOPE	CANADA BASIN	WEST OF HERSCHEL ISLAND	TUKTOYAKTUK SHELF	
14-0002	50-0001	50-0001	35-0001	35-0001	77-0004
50-0001	51-0001	51-0001	52-0001	50-0001	77-0009B
51-0002	51-0002	54-0001	54-0002	51-0001	77-0123
52-0001	52-0001	54-0002	55-0001	51-0002	78-0001
52-0002	52-0002	55-0016	56-0001	52-0001	78-0002
54-0002	54-0001	56-0012	58-0001	52-0002	78-0018
54-0003	54-0002	59-0001	59-0002	54-0003	78-0113
72-0009	54-0003	59-0002	60-0001	55-0016	79-0001
75-0001	55-0001	60-0001	70-0002	56-0001	79-0002
81-0001	55-0016	69-0001	72-0001	57-0001	79-0003
85-0036	57-0001	70-0001	72-0118	57-0002	79-0007
	57-0002	70-0002	74-0002	58-0001	79-0009
	58-0001	70-0003	74-0007A	59-0002	79-0026
	59-0001	71-0003	74-0011	60-0001	80-0001
	59-0002	72-0001	74-0019	60-0002	80-0002
	60-0001	75-0005	75-0007	60-0003	80-0004
	60-0002	79-0001	75-0009	64-0002	80-0016
	69-0001	79-0002	75-0025	69-0001	80-0025
	70-0002	80-0001	77-0004	70-0001	80-0028
	72-0001	81-0001	79-0003	70-0002	81-0001
	74-0007A	81-0006	79-0004	70-0003	81-0002
	74-0008		85-0031	70-0004	81-0015
	75-0001		85-0032	71-0001	81-0016
	75-0012		85-0033	71-0002	81-0018
	79-0001		86-0008	72-0001	81-0027
	79-0002			72-0010	82-0097A
	80-0001			73-0001	82-0117
	81-0001			73-0002	82-0118
	82-0118			74-0001	83-0058
	85-0032			74-0002	83-0065
	85-0036			74-0003	83-0067
	86-0003			74-0004	83-0069
	86-0010			74-0005	83-0070
				74-0007A	84-0043
				74-0008	84-0044
				74-0126	84-0045
				75-0002	84-0046
				75-0003	84-0048
				75-0006	84-0049
				75-0007	85-0033
				75-0009	85-0037
				75-0146	86-0003
				76-0001	86-0004
				76-0003	86-0010
				76-0004	86-0014
				76-0020	
				76-0123	

10.2 MEASUREMENT TYPE

PROFILES OF TEMPERATURE & SALINITY	WATER LEVELS, BOTTOM PRESSURE	EULERIAN CURRENTS	LAGRANGIAN DRIFT PATHS	TEMPERATURE AND SALINITY —BOTTLE		WAVES
72-0007	14-0002	70-0001	70-0003	35-0001	64-0001	70-0071
73-0002	33-0004	70-0003	74-0004	37-0001	64-0002	74-0126
74-0001	51-0004	70-0005	75-0001	50-0001	64-0004	75-0146
74-0003	52-0004	71-0003	75-0003	51-0001	69-0001	76-0001
74-0011	54-0001	73-0001	79-0002	51-0002	70-0001	76-0123
75-0001	55-0002	74-0001	79-0004	52-0001	70-0002	77-0004
75-0002	56-0004	74-0002	80-0001	52-0002	70-0003	77-0009
75-0004	59-0004	74-0003		53-0001	71-0001	77-0123
75-0005	61-0002	74-0005		54-0001	71-0003	78-0001
76-0001	63-0003	74-0019		54-0002	71-0004	78-0113
76-0003	64-0003	75-0001		54-0003	72-0001	79-0003
76-0004	65-0001	75-0004		55-0001	72-0004	79-0120
77-0001	66-0001	75-0007		55-0016	73-0001	80-0002
77-0004	66-0002	75-0011		56-0001	73-0003	81-0002
77-0009	70-0004	76-0001		57-0001	74-0002	82-0117
78-0001	71-0002	76-0003		57-0002	74-0007A	82-0118
78-0002	72-0009	77-0004		58-0001	74-0008	83-0067
78-0018	72-0010	77-0009		59-0001	74-0010	83-0069
79-0001	73-0004	78-0001		59-0002	74-0020	83-0070
79-0003	73-0019	79-0003		60-0001	75-0002	84-0045
79-0005	74-0005	79-0004		60-0002	75-0006	84-0046
79-0007	75-0007	79-0026		60-0003	75-0009	85-0029
79-0010	75-0008	80-0002		61-0001	75-0010	85-0030
80-0002	75-0011	80-0016		62-0001	75-0011	85-0033
80-0004	75-0042	81-0001		62-0002	75-0012	86-0009
81-0001	76-0002	81-0002		63-0001	75-0024	86-0014
	77-0005	81-0016		63-0002	77-0003	
	78-0114	82-0117		63-0003		
	79-0016	82-0118				
	80-0011	83-0067				
	81-0017	83-0069				
	82-0004	84-0029				
	82-0006	84-0045				
	83-0017	84-0048				
	84-0045	84-0049				
	84-0046	85-0029				
	85-0029	85-0030				
	85-0032	85-0032				
	86-0009	85-0033				
		85-0037				
		86-0003				
		86-0009				
		86-0011				

10.3 INDEX OF REFERENCES BY DATA SET NUMBER

14-0001 Dawson, W.B., 1920. Tidal investigations and results. In: Part C, Vol. X of Report of the Canadian Arctic Expedition, 1913-1918. Thomas Mulvey, printer to the King's Most Excellent Majesty, Ottawa.

14-0002 Dawson, W.B., 1920. Tidal investigations and results. In: Part C, Vol. X of Report of the Canadian Arctic Expedition, 1913-1918. Thomas Mulvey, printer to the King's Most Excellent Majesty, Ottawa.

16-0002 Dawson, W.B., 1920. Tidal investigations and results. In: Part C, Vol. X of Report of the Canadian Arctic Expedition, 1913-1918. Thomas Mulvey, printer to the King's Most Excellent Majesty, Ottawa.

35-0001 Tully, J.P., 1952. Oceanographic data of the western Canadian Arctic Region, 1935-37. J. Fish. Res. Bd. Canada 8(5). pp 378-382.

37-0001 Tully, J.P., 1952. Oceanographic data of the western Canadian Arctic Region, 1935-37. J. Fish. Res. Bd. Canada 8(5). pp 378-382.

40-0010 Larsen, M.A., 1945. Reports and other papers relating to the two voyages of the R.C.M. Police Schooner, St. Roch, through the Northwest Passage. Ottawa. 102 p.

50-0001 U.S. Navy Hydrographic Office, 1954. Oceanographic observations, U.S.S. Burton Island, 1950-1953. H.O. Pub. 618-C, U.S. Navy Hydrographic Office, Washington, D.C. (unpub. manuscript).

51-0001 U.S. Navy Hydrographic Office, 1954. Oceanographic observations, U.S.S. Burton Island, 1950-1953. H.O. Pub. 618-C, U.S. Navy Hydrographic Office, Washington, D.C. (unpub. manuscript).

51-0002 Cameron, W.M., 1952. Hydrography and oceanography of the southeast Beaufort Sea and Amundsen Gulf, Part I: Hydrographic and oceanographic observations in the Beaufort Sea, 1951. University of British Columbia, Institute of Oceanography . (unpub. manuscript).

Hattersley-Smith, G.F., 1952. Beaufort Sea expedition, 1951. Arctic Circular V(2) . pp. 12-13.

52-0001 Cameron, W.M., 1953. Hydrography and oceanography of the southeast Beaufort Sea and Amundsen Gulf, including Part II (appendices): hydrographic and oceanographic observations in the Beaufort Sea, 1952. University of British Columbia, Institute of Oceanography (unpublished manuscript). 82 p.

52-0002 U.S. Navy Hydrographic Office, 1954. Oceanographic observations, U.S.S. Burton Island, 1950-1953. H.O. Pub. 618-C, U.S. Navy Hydrographic Office, Washington, D.C. (unpub. manuscript).

53-0001 U.S. Navy Hydrographic Office, 1954. Oceanographic observations, U.S.S. Burton Island, 1950-1953. H.O. Pub. 618-C, U.S. Navy Hydrographic Office, Washington, D.C. (unpub. manuscript).

54-0001 Bailey, W.B., 1955. Oceanographic reconnaissance in the Canadian

Archipelago (1954). Fish. Res. Bd. Canada MSS Rept. Biol. Sta., No. 603. 145 p.

Bailey, W.B., 1957. Oceanographic features of the Canadian Archipelago (1954). Fish. Res. Bd. Canada (5)(14). pp. 731-769.

54-0002 U.S. Navy Hydrographic Office, 1956. Oceanographic survey results, Beaufort Sea area, summer 1954. U.S.S. Burton Island (AGB-1) and USCGC Northwind (WAGB-282). H.O. 15791, January 1956. U.S. Navy Hydrographic Office, Washington, D.C. (unpub. manuscript).

54-0003 U.S. Navy Hydrographic Office, 1956. Oceanographic survey results, Beaufort Sea area, summer 1954. U.S.S. Burton Island (AGB-1) and USCGC Northwind (WAGB-282). H.O. 15791, January 1956. U.S. Navy Hydrographic Office, Washington, D.C. (unpub. manuscript).

56-0001 U.S. Navy Hydrographic Office, 1960. Oceanogrpahic observations, arctic waters. Task Force Five and Six, summer-autumn, 1956. USS Requisite (AGS-18), USS Eldorado (AGC-11), USS Atka (AGB-3), USCGC Eastwind (WAGB-279). Oceanographic Branch, Marine Surveys Division, U.S. Navy Hydrographic Office, Washington, D.C., October, 1960. (unpub. manuscript).

56-0012 Timofeyev, V.T., 1960. Vodnye massy arkticheskogo basseine. Leningrad: Gidromet. Izdat. (University of Washington Library has a translated version). 190 p.

57-0001 U.S. Navy Hydrographic Office, 1959. Oceanographic observations, arctic waters. Task Force Five and Six, summer-autumn 1957 summer-autumn 1957. USCGC Eastwind (WAGB-279), USCGC Westwind (WAGB-281), USCGC Spar (WAGL-403), USS Atka (AGB-3), USS Eldorado (AGC-11). Oceanographic Survey Branch, Division of Oceanography, U.S. Navy Hydrographic Office, Washington, D.C., November, 1959. (unpub. manuscript).

57-0002 U.S. Navy Hydrographic Office, 1959. Oceanographic observations, arctic waters. Task Force Five and Six, summer-autumn 1957 summer-autumn 1957. USCGC Eastwind (WAGB-279), USCGC Westwind (WAGB-281), USCGC Spar (WAGL-403), USS Atka (AGB-3), USS Eldorado (AGC-11). Oceanographic Survey Branch, Division of Oceanography, U.S. Navy Hydrographic Office, Washington, D.C., November, 1959. (unpub. manuscript).

58-0001 U.S. Naval Oceanographic Office, 1963a. Oceanographic data report, Arctic, 1958. U.S. Naval Oceanographic Office, Marine Sciences Dept., Washington, D.C. (unpub. manuscript). Informal Manuscript Rep. No. 0-26-63.

59-0001 Kusunoki, K., J. Muguruma, and K. Higuchi, 1962. Oceanographic observations at Fletcher's Ice Island (T-3) in the Arctic Ocean in 1959-60. Arctic Institute of North America. Research paper no. 22. pp 1-110.

Kusunoki, K., 1962. Hydrography of the Arctic Ocean with special reference to the Beaufort Sea. Contributions from the Institute of Low Temperature Science, series A, no. 17 . Inst. of Low Temp. Sc., Hokkaido University, Sapporo, Japan . pp. 1-74.

59-0002 U.S. Naval Oceanographic Office, 1963b. Oceanographic data report, Arctic, 1959. U.S. Naval Oceanographic Office, Marine Sciences Dept., Washington, D.C. (unpub. manuscript). Informal Manuscript Rep. No. 0-43-63.

59-0014 Beal, M.A., 1968a. The seasonal variation in sea level at Barrow, Alaska. In: Arctic drifting stations. Coordinated by J.E. Sater. Sponsored by Arctic Institute of North America. pp. 327-341.

Beal, M.A., 1968b. The use of light aircraft for oceanographic observations in the Arctic ice pack. In: Arctic drifting stations. Coordinated by J.E. Sater. Arctic Institute of North America. pp. 37-48.

60-0001 U.S. Naval Oceanographic Office, 1964. Oceanographic data report, Arctic, 1960. U.S. Naval Oceanographic Office, Marine Sciences Dept., Washington, D.C. (unpub. manuscript). Informal Manuscript Rep. No. 0-62-63.

60-0002 Paquette, R.G. and R.H. Bourke, 1974. Observations on the coastal current of Arctic Alaska. J. Mar. Res. 32(2). pp. 195-207.

60-0003 Grainger, E.H. and J.E. Lovrity, 1975. Physical and chemical oceanographic data from the Beaufort Sea, 1960 to 1975. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 590.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

Grainger, E.H., 1975. Biological productivity of the southern Beaufort Sea: the physical-chemical environment and the plankton . Beaufort Sea Project Tech. Rept. 12a, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

61-0001 Grainger, E.H., J.E. Lovrity, and M.S. Evans, 1977. Biological observations in the Eskimo Lakes, Arctic Canada. Physical, nutrient and primary production data, 1961-1976. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 685.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

61-0002 Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

62-0001 Canadian Oceanographic Data Centre, 1963. Cape Parry Area, N.W.T. No. 5, 1963 data record series. Canada, Canadian Oceanographic Data Centre, Dept. Energy, Mines and Res., Ottawa. 44 p.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

Grainger, E.H., J.E. Lovrity, and M.S. Evans, 1977. Biological observations in the Eskimo Lakes, Arctic Canada. Physical, nutrient and primary production data, 1961-1976. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 685.

62-0002 Kelly, W.J.B., 1967. Tuktoyaktuk Harbour - a data report. Canada Dept. Energy, Mines and Res. Mar. Sc. Br. MS Rep. Ser. No. 7. (unpub. manuscript).

Barber, F.G., 1968. On the water of Tuktoyaktuk Harbour. Canada Dept. of Energy, Mines and Res., Mar. Sc. Br. MS Rpt. Ser No. 9, Ottawa . (unpublished manuscript).

Ince, S., 1962. Winter regime of a tidal inlet in the Arctic and the use of air for the protection of wharf structures. International Conference on Coastal Engineering, Eighth, Mexico. pp. 521-532.

62-0003 Kelly, W.J.B., 1967. Tuktoyaktuk Harbour - a data report. Canada Dept. Energy, Mines and Res. Mar. Sc. Br. MS Rep. Ser. No. 7. (unpub. manuscript).

Barber, F.G., 1968. On the water of Tuktoyaktuk Harbour. Canada Dept. of Energy, Mines and Res., Mar. Sc. Br. MS Rpt. Ser No. 9, Ottawa . (unpublished manuscript).

Ince, S., 1962. Winter regime of a tidal inlet in the Arctic and the use of air for the protection of wharf structures. International Conference on Coastal Engineering, Eighth, Mexico. pp. 521-532.

62-0004 Kelly, W.J.B., 1967. Tuktoyaktuk Harbour - a data report. Canada Dept. Energy, Mines and Res. Mar. Sc. Br. MS Rep. Ser. No. 7. (unpub. manuscript).

Barber, F.G., 1968. On the water of Tuktoyaktuk Harbour. Canada Dept. of Energy, Mines and Res., Mar. Sc. Br. MS Rpt. Ser No. 9, Ottawa . (unpublished manuscript).

Ince, S., 1962. Winter regime of a tidal inlet in the Arctic and the use of air for the protection of wharf structures. International Conference on Coastal Engineering, Eighth, Mexico. pp. 521-532.

63-0001 Canadian Oceanographic Data Centre, 1964. Data record - Franklin and Darnley Bays, N.W.T. No. 2, 1964 data record series. Canada, Canadian Oceanographic Data Centre, Dept. Energy, Mines and Res., Ottawa.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

63-0002 Kelly, W.J.B., 1967. Tuktoyaktuk Harbour - a data report. Canada Dept. Energy, Mines and Res. Mar. Sc. Br. MS Rep. Ser. No. 7. (unpub. manuscript).

Barber, F.G., 1968. On the water of Tuktoyaktuk Harbour. Canada Dept. of Energy, Mines and Res., Mar. Sc. Br. MS Rpt. Ser No. 9, Ottawa . (unpublished manuscript).

Ince, S., 1962. Winter regime of a tidal inlet in the Arctic and the use of air for the protection of wharf structures. International Conference on Coastal Engineering, Eighth, Mexico. pp. 521-532.

63-0003 Kelly, W.J.B., 1967. Tuktoyaktuk Harbour - a data report. Canada Dept. Energy, Mines and Res. Mar. Sc. Br. MS Rep. Ser. No. 7. (unpub. manuscript).

Barber, F.G., 1968. On the water of Tuktoyaktuk Harbour. Canada Dept. of Energy, Mines and Res., Mar. Sc. Br. MS Rpt. Ser No. 9, Ottawa . (unpublished manuscript).

Ince, S., 1962. Winter regime of a tidal inlet in the Arctic and the use of air for the protection of wharf structures. International Conference on Coastal Engineering, Eighth, Mexico. pp. 521-532.

64-0001 Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

66-0001 Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

66-0011 Hill, R.M., 1967. Observations on beluga whales trapped by ice in Eskimo Lakes, winter 1966/67. Unpub. rep. by Inuvik Research Laboratory, Dep. of Indian Affairs and Northern Development. 13 p.

69-0001 Burrell, D.C., P.J. Kinney, R.S. Hadley, and M.E. Arhelgar, 1970. Beaufort Sea environmental data, 1968-1969. Institute of Marine Science, University of Alaska. R70-20. 274 p.

Kinney, P.J., D.C. Burrell, M.E. Arhelger, T.C. Loder, and D.W. Hood, 1970b. Chukchi Sea data report: USCGC Northwind, July-August 1968: USCGC Staten Island, July-August 1969. University of Alaska, Fairbanks. R-70-23. 305 p.

69-0017 Sergeant, D.E. and W. Hoek, 1974. Seasonal distribution of bowhead and white whales in the eastern Beaufort Sea. In: J.C. Reed and J.E. Sater (Ed.). The coast and shelf of the Beaufort Sea. Arctic Institute of North America, Arlington, Virginia. pp. 705-719.

70-0001 Coachman, L.K. and J.L. Newton, 1972. Water and ice motion in the Beaufort Sea, spring 1970. AIDJEX Bulletin No. 12, Arctic ice dynamics joint experiment, Div. of Marine Res., University of Washington, Seattle, Wash.

70-0002 Vilks, G., 1973. A study of Globorotalia Pachyderma (Ehrenberg) = Globigerina Pachyderma (Ehrenberg) in the Canadian Arctic. Ph.D. Thesis, Dept. of Oceanography, Dalhousie University, Halifax, N.S.

70-0003 Healey, D.A., 1971. Oceanographic observations in the Beaufort Sea, July 15 to September 4, 1970. Dept. of Fish. and Forestry, Marine Services Branch, Pacific Region, Victoria (unpub. manuscript).

Dewis, F.J., A.A. Levinson, and P. Bayliss, 1972. Hydrogeochemistry of the surface waters of the Mackenzie River drainage basin, Canada - IV. Boron - salinity - clay mineralogy relationships in modern deltas. Geochim. Cosmochim. Acta(36). pp. 1359-1375.

70-0004 Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

70-0005 Croasdale, K.R., 1970. The Beaufort Sea ice sampling project-1970 APOA report 2-1. Imperial Oil Ltd.

Oceanographic Services Inc, 1970. Ice and current measurement program in the Beaufort Sea, spring 1970. Unpub. rep. by Oceanographic Services Inc. for Imperial Oil Ltd . Rep. No. 201-2.

71-0001 Grainger, E.H. and J.E. Lovrity, 1975. Physical and chemical oceanographic data from the Beaufort Sea, 1960 to 1975. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 590.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

Grainger, E.H., 1975. Biological productivity of the southern Beaufort Sea: the physical-chemical environment and the plankton . Beaufort Sea Project Tech. Rept. 12a, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Wacasey, J.W., 1975. Biological productivity of the southern Beaufort Sea: Zoobenthic studies. Beaufort Sea Tech. Rep. No. 12b. 39 p.

71-0002 Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

71-0003 Hunkins, K., 1972. Water stress and ocean current measurements at Camp 200, 1971. AIDJEX Bulletin no. 12, Arctic ice dynamics joint experiment, Div. of Marine Res., University of Washington, Seattle, Wash . pp. 35-60.

71-0004 Grainger, E.H., J.E. Lovrity, and M.S. Evans, 1977. Biological observations in the Eskimo Lakes, Arctic Canada. Physical, nutrient and primary production data, 1961-1976. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 685.

71-0018 Brunskill, G.J., D.M. Rosenberg, N.B. Snow, G.L. Vascotto, and R. Wageman, 1973. Ecological studies of aquatic systems in the Mackenzie-Porcupine drainages in relation to proposed pipeline and highway developments. Can. Task Force on Northern Oil Development Envir. So. Comm. Vols. 1 and 2.

72-0001 Vilks, G., 1973. A study of Globorotalia Pachyderma (Ehrenberg) = Globigerina Pachyderma (Ehrenberg) in the Canadian Arctic. Ph.D. Thesis, Dept. of Oceanography, Dalhousie University, Halifax, N.S.

72-0003 Slaney, F.F. & Company Ltd, 1973b. 1972 Environmental field program, Taglu Richards Island, Mackenzie Delta. Interim Report Part 6: Pollution Testing . Report to Imperial Oil Ltd., January, 1973. (unpub. manuscript). 4 p plus appendices.

Slaney, F.F. & Company Ltd, 1974c. 1972-1974. Environmental program - Mackenzie Delta N.W.T. Volume 7: Environmental Quality. Report to Imperial Oil Ltd., Gulf Oil Ltd., Shell Canada Ltd., Canadian Arctic Gas Study Limited, May 1974. (unpub. manuscript). 24 p plus appendices plus references.

72-0004 Grainger, E.H., J.E. Lovrity, and M.S. Evans, 1977. Biological observations in the Eskimo Lakes, Arctic Canada. Physical, nutrient and primary production data, 1961-1976. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate,

Tech. Rept. 685.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

Atkinson, E.G. and J.W. Wacasey, 1976. Caloric values of zoobenthos and phytobenthos from the Canadian Arctic. Fish. Mar. Serv. Res. Dev. Tech. Rep. 632. 24 p.

Wacasey, J.W., 1974. Biological oceanographic observations in the Eskimo Lakes, Arctic Canada. Zoobenthos Data, 1971-1973. Fish. Mar. Serv. Data. Rep. 41.

72-0006 Slaney, F.F. & Company Ltd, 1973a. Environmental impact assessment Immerk artificial island construction, Vol. 11 - environmental studies. Report to Imperial Oil Ltd., January, 1973. (unpub. manuscript). 64 p. plus appendices.

Slaney, F.F. & Company Ltd, 1973b. 1972 Environmental field program, Taglu Richards Island, Mackenzie Delta. Interim Report Part 6: Pollution Testing . Report to Imperial Oil Ltd., January, 1973. (unpub. manuscript). 4 p plus appendices.

Slaney, F.F. & Company Ltd, 1974c. 1972-1974. Environmental program - Mackenzie Delta N.W.T. Volume 7: Environmental Quality. Report to Imperial Oil Ltd., Gulf Oil Ltd., Shell Canada Ltd., Canadian Arctic Gas Study Limited, May 1974. (unpub. manuscript). 24 p plus appendices plus references.

72-0007 Slaney, F.F. & Company Ltd, 1973a. Environmental impact assessment Immerk artificial island construction, Vol. 11 - environmental studies. Report to Imperial Oil Ltd., January, 1973. (unpub. manuscript). 64 p. plus appendices.

72-0009 Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

72-0010 Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

72-0012 Brunskill, G.J., D.M. Rosenberg, N.B. Snow, G.L. Vascotto, and R. Wageman, 1973. Ecological studies of aquatic systems in the Mackenzie-Porcupine drainages in relation to proposed pipeline and highway developments. Can. Task Force on Northern Oil Development Envir. So. Comm. Vols. 1 and 2.

72-0118 Mann, G.J., 1974. Life history types of the least cisco (Coregonus sardinella, Valenciennes) in the Yukon Territory, North Slope, and

Eastern Mackenzie River, Delta drainages. In McCart (Ed.): Life histories of three species of freshwater fishes in Beaufort Sea drainages, Yukon territory. Report by Aquatic Environment Ltd. for Arctic Gas. Biol. rep. ser. 18(3). 132 p.

73-0001 Slaney, F.F. & Company Ltd, 1974a. Winter benthic and oceanographic surveys, offshore Mackenzie Delta, N.W.T. Report to Imperial Oil Ltd. (unpub. manuscript). 25 p. plus unnumbered appendices.

73-0002 Foy, M.G. and S.I.C. Hsiao, 1976. Phytoplankton data from the Beaufort Sea, 1973 to 1975. Fish. & Mar. Service, Tech. Rep. No. 617. 44 p.

Grainger, E.H. and J.E. Lovrity, 1975. Physical and chemical oceanographic data from the Beaufort Sea, 1960 to 1975. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 590.

Bunch, J.N., 1974. Distribution and abundance of heterotrophic bacteria in the south Beaufort Sea. Part III b. p. 175-195. In: A series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk peninsula region. Environmental-Social Committee, Northern Pipelines, Task Force on Northern Oil Development Rep. No. 74-22.

Bunch, J.N. and R.C. Harland, 1974. Degradation of petroleum by a psychrotolerant marine flora from the Eskimo Lakes. Part I. p. 1-30. In: A series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk Peninsula region. Environmental-Social Committee, Northern Pipelines, Task Force on Northern Oil Development Rep. No. 74-22.

Bunch, J.N. and R.C. Harland, 1976. Biodegration of crude petroleum by the indigenous microbial flora of the Beaufort Sea. Beaufort Sea Tech. Rep. No. 10. 52 p.

Grainger, E.H., 1974. Baseline study of the marine environment in the area of the Mackenzie Delta. Task Force on Northern Oil Development Rept. no. 74-22. Environmental social Committee Northern Pipelines. pp. 101-173.

Sergeant, D.E. and W. Hoek, 1974. Seasonal distribution of bowhead and white whales in the eastern Beaufort Sea. In: J.C. Reed and J.E. Sater (Ed.). The coast and shelf of the Beaufort Sea. Arctic Institute of North America, Arlington, Virginia. pp. 705-719.

Wacasey, J.W., 1975. Biological productivity of the southern Beaufort Sea: Zoobenthic studies. Beaufort Sea Tech. Rep. No. 12b. 39 p.

73-0003 Grainger, E.H., J.E. Lovrity, and M.S. Evans, 1977. Biological observations in the Eskimo Lakes, Arctic Canada. Physical, nutrient

and primary production data, 1961-1976. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 685.

73-0003A Bunch, J.N. and R.C. Harland, 1974. Degradation of petroleum by a psychrotolerant marine flora from the Eskimo Lakes. Part I. p. 1-30. In: A series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk Peninsula region. Environmental-Social Committee, Northern Pipelines, Task Force on Northern Oil Development Rep. No. 74-22.

73-0003B Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

73-0004 Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

Huggett, W.S., M.J. Woodward, F. Stephenson, F.V. Hermiston, and A. Douglas, 1975. Near bottom currents and offshore tides. Beaufort Sea Project Tech. Rept. 16, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

73-0016 Slaney, F.F. & Company Ltd, 1973c. Preliminary assessment, aquatic resources, Tuktoyaktuk Harbour. Rep. prep. for Imperial Oil Ltd., Calgary. 12 p.

73-0019 Slaney, F.F. & Company Ltd, 1974c. 1972-1974. Environmental program - Mackenzie Delta N.W.T. Volume 7: Environmental Quality. Report to Imperial Oil Ltd., Gulf Oil Ltd., Shell Canada Ltd., Canadian Arctic Gas Study Limited, May 1974. (unpub. manuscript). 24 p plus appendices plus references.

Slaney, F.F. & Company Ltd, 1974e. Hydrology. Environmental Program, Mackenzie Delta, N.W.T., Canada, Volume 2. Imperial Oil Ltd., Gulf Oil Canada Ltd., Shell Canada Ltd., and Canadian Arctic Gas Study Ltd.

Slaney, F.F. & Company Ltd, 1974f. Aquatic Resources. Environmental Program, Mackenzie Delta, N.W.T., Canada, Volume 6. Imperial Oil Ltd., Gulf Oil Canada Ltd., Shell Canada Ltd., and Canadian Arctic Gas Study Ltd.

73-0023 Mann, G.J., 1974. Life history types of the least cisco (Coregonus sardinella, Valenciennes) in the Yukon Territory, North Slope, and Eastern Mackenzie River, Delta drainages. In McCart (Ed.): Life histories of three species of freshwater fishes in Beaufort Sea drainages, Yukon territory. Report by Aquatic Environment Ltd. for Arctic Gas. Biol. rep. ser. 18(3). 132 p.

73-0034 Mel'nikov, I.A., 1976. Hydrobiological investigations in the central Arctic Ocean. Oceanology 16(3). pp. 314-315.

73-0125 Galbraith, D.F. and D.C. Fraser, 1974. Distribution and food habits of fish in the eastern coastal Beaufort Sea. Interim Rep. of Beaufort Sea Project Study B1 (Eastern), Beaufort Sea Project, Victoria, B.C. 48 p.

Galbraith, D.F. and J.G. Hunter, 1975. Fishes of offshore waters and Tuktoyaktuk vicinity. Beaufort Sea Project Tech. Rep. 7. 16 p plus appendices.

73-0126 Jones, M. and R. Kendel, 1973. The Beaufort Sea gillnetting program in the vicinity of King Point, Yukon. Memorandum Report. Dept. of Environment, Fisheries and Marine Serv., Whitehorse, Y.T.

74-0001 Slaney, F.F. & Company Ltd, 1974a. Winter benthic and oceanographic surveys, offshore Mackenzie Delta, N.W.T. Report to Imperial Oil Ltd. (unpub. manuscript). 25 p. plus unnumbered appendices.

74-0002 Herlinveaux, R.H., B.R. De-Lange-Boom, and G.R. Wilton, 1976a. Salinity, temperature, turbidity and meteorological observatons in the Beaufort Sea: summer 1974, spring and summer, 1975 . Pacific Marine Science Rept. 76-26, Institute of Ocean Sciences, Patricia Bay, Victoria, B.C. (unpub. manuscript).

Giovando, L.F. and R.H. Herlinveaux, 1981. A discussion of factors influencing dispersion of pollutants in the Beaufort Sea. Pacific Marine Sciences Report 81-4, Institute of Ocean Sciences, Sidney, B.C. (unpub. manuscript).

Herlinveaux, R.H. and B.R. De-Lange-Boom, 1975. Physical oceanography of the southeastern Beaufort Sea. Beaufort Sea Project Tech. Rept. 18, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Herlinveaux, R.H., B.R. De-Lange-Boom, and G.R. Wilton, 1976b. Water movements in the Beaufort Sea: summer 1974, spring and summer, 1975. Pacific Marine Science Rept. 76-27, Institute of Ocean Sciences, Patricia Bay, Victoria, B.C. (unpub. manuscript).

74-0003 Slaney, F.F. & Company Ltd, 1975. Summer environmental program, Mackenzie River Estuary . Aquatic Studies Vol. I. Report to Imperial Oil Ltd. (unpub. manuscript). 221 p.

74-0004 McNeill, M.R. and J.F. Garrett, 1975. Open water surface currents. Beaufort Sea Project Tech. Rept. 17, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

74-0005 Huggett, W.S., M.J. Woodward, and A.N. Douglas, 1977. Data record of current observations Volume XVI: Beaufort Sea 1974 to 1976. Institute of Ocean Sciences, Patricia Bay, Sidney, B.C. (unpub. manuscript).

Huggett, W.S., M.J. Woodward, F. Stephenson, F.V. Hermiston, and A. Douglas, 1975. Near bottom currents and offshore tides. Beaufort Sea Project Tech. Rept. 16, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

74-0007 Grainger, E.H. and J.E. Lovrity, 1975. Physical and chemical oceanographic data from the Beaufort Sea, 1960 to 1975. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 590.

Grainger, E.H., 1975. Biological productivity of the southern Beaufort Sea: the physical-chemical environment and the plankton . Beaufort Sea Project Tech. Rept. 12a, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

74-0007A Foy, M.G. and S.I.C. Hsiao, 1976. Phytoplankton data from the Beaufort Sea, 1973 to 1975. Fish. & Mar. Service, Tech. Rep. No. 617. 44 p.

Wacasey, J.W., 1975. Biological productivity of the southern Beaufort Sea: Zoobenthic studies. Beaufort Sea Tech. Rep. No. 12b. 39 p.

Bunch, J.N. and R.C. Harland, 1976. Biodegration of crude petroleum by the indigenous microbial flora of the Beaufort Sea. Beaufort Sea Tech. Rep. No. 10. 52 p.

74-0007B Galbraith, D.F. and J.G. Hunter, 1975. Fishes of offshore waters and Tuktoyaktuk vicinity. Beaufort Sea Project Tech. Rep. 7. 16 p plus appendices.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

Wacasey, J.W., 1975. Biological productivity of the southern Beaufort Sea: Zoobenthic studies. Beaufort Sea Tech. Rep. No. 12b. 39 p.

74-0007C Bunch, J.N. and R.C. Harland, 1976. Biodegration of crude petroleum by the indigenous microbial flora of the Beaufort Sea. Beaufort Sea Tech. Rep. No. 10. 52 p.

74-0008 Wong, C.S., W.J. Cretney, R.W. Macdonald, and P. Christensen, 1976. Hydrocarbon levels in the marine environment of the southern Beaufort

Sea. Beaufort Sea Tech. Rep. No. 38. 113 p.

Wong, C.S., R.W. Macdonald,, R.D. Bellegay, and P. Erickson, 1981. Baseline data on chemical oceanography in the southern Beaufort Sea, 1974-5. Beaufort Sea Project Tech. Rept. 14, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

74-0009 Slaney, F.F. & Company Ltd, 1974d. 1972-1974. Environmental program - Mackenzie Delta N.W.T. Winter Study Supplement. Report to Imperial Oil Ltd., Gulf Oil Ltd., Shell Canada Ltd., Canadian Arctic Gas Study Limited, May 1974. (unpub. manuscript). 82 p .

74-0010 Grainger, E.H., J.E. Lovrity, and M.S. Evans, 1977. Biological observations in the Eskimo Lakes, Arctic Canada. Physical, nutrient and primary production data, 1961-1976. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 685.

74-0011 Craig, P.C.(Ed.), 1975. Fisheries investigations in a coastal region of the Beaufort Sea. Arctic Gas Biological Report Series V 34. Report by Aquatic Environments Ltd. to Canadian Arctic Gas Study Ltd. (unpublished manuscript).

Griffiths, W., P. Craig, G. Walder, and G. Mann, 1975. Fisheries investigations in a coastal region of the Beaufort Sea (Nunaluk Lagoon, Yukon Territory). Chapt. II. In: P.C. Craig (Ed.). Fisheries investigatons in a coastal region of the Beaufort Sea. Biological Rep. Series, Vol. 34. Rep. Prep. by Aquatic Environments Ltd. for Canadian Arctic Gas Study Ltd. and Alaskan Arctic Gas Study Co . 219 p.

74-0019 Slaney, F.F. & Company Ltd, 1974b. Winter environmental program. Unark, Pelly and Garry Artifical Island Sites, East Mackenzie Bay, N.W.T. Report to Sunoco Ltd. Calgary, Alberta. (unpub. manuscript).

74-0020 Percy, R., 1975. Fishes of the outer Mackenzie Delta. Beaufort Sea Project Tech. Rept. 8, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Acess, 144 Front St. W., Toronto, Ontario, M5J 1G2).

74-0021 Kendel, R.E., R.A.C. Johnston, U. Lobsiger, and M.D. Kozak, 1975. Fishes of the Yukon Coast. Beaufort Sea Project Tech. Rept. 6, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (Available from Micromedia Ltd., Information Access, 144 Front St., Toronto, Ontario, M5J 1G2).

74-0022 Aquatic Environments Ltd, 1975. Fisheries investigations in a coastal region of the Beaufort Sea. Arctic Gas Biological Report Series Vol 34. Canadian Arctic Gas Ltd. and Alaskan Arctic Gas Ltd.

74-0027 Dickins Assoc. Ltd., D.F., Arctic Laboratories Ltd. and J. Hellebust,

1981. Return to Balaena Bay. Long-term effects of a large scale crude oil spill under arctic sea ice, 1975 to 1981. Rep. prep. for Gulf Canada Resources Inc., Calgary, Alta. 127 p. plus appendix.

74-0027B Adams, W.A., 1974. Light intensity under sea ice containing oil. Beaufort Sea Project G2b, Interim Report: Geological and biological observations at Balaena Bay, Cape Parry, N.W.T by Adams W.A. and M. Hincke. 16 p plus figures and Appendices.

75-0001 Herlinveaux, R.H., B.R. De-Lange-Boom, and G.R. Wilton, 1976a. Salinity, temperature, turbidity and meteorological observatons in the Beaufort Sea: summer 1974, spring and summer, 1975 . Pacific Marine Science Rept. 76-26, Institute of Ocean Sciences, Patricia Bay, Victoria, B.C. (unpub. manuscript).

Herlinveaux, R.H. and B.R. De-Lange-Boom, 1975. Physical oceanography of the southeastern Beaufort Sea. Beaufort Sea Project Tech. Rept. 18, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Herlinveaux, R.H., B.R. De-Lange-Boom, and G.R. Wilton, 1976b. Water movements in the Beaufort Sea: summer 1974, spring and summer, 1975. Pacific Marine Science Rept. 76-27, Institute of Ocean Sciences, Patricia Bay, Victoria, B.C. (unpub. manuscript).

75-0002 Herlinveaux, R.H., B.R. De-Lange-Boom, and G.R. Wilton, 1976a. Salinity, temperature, turbidity and meteorological observatons in the Beaufort Sea: summer 1974, spring and summer, 1975 . Pacific Marine Science Rept. 76-26, Institute of Ocean Sciences, Patricia Bay, Victoria, B.C. (unpub. manuscript).

Herlinveaux, R.H. and B.R. De-Lange-Boom, 1975. Physical oceanography of the southeastern Beaufort Sea. Beaufort Sea Project Tech. Rept. 18, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Herlinveaux, R.H., B.R. De-Lange-Boom, and G.R. Wilton, 1976b. Water movements in the Beaufort Sea: summer 1974, spring and summer, 1975. Pacific Marine Science Rept. 76-27, Institute of Ocean Sciences, Patricia Bay, Victoria, B.C. (unpub. manuscript).

75-0003 McNeill, M.R. and J.F. Garrett, 1975. Open water surface currents. Beaufort Sea Project Tech. Rept. 17, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

75-0004 McDonald, J.W. and L.C. Martin, 1976. A summer survey of the physical oceanography and water chemistry of the Mackenzie River Estuary, N.W.T., 1975. Report by F.F. Slaney to Imperial Oil Co. Ltd. (unpub. manuscript).

75-0005 Thorndike, A.S. and T.O. Manley, 1980a. Updated position and ice velocity for the AIDJEX manned camps. CU-2-80, Technical Report No. 2, Office of Naval Research, U.S. Dept. of the Navy, Contract N00014-76-C-004. (unpub. manuscript).

Thorndike, A.S. and T.O. Manley, 1980b. Updated position and ice velocity for the AIDJEX manned camps. CU-3-80, Technical Report No. 3, Office of Naval Research, U.S. Dept. of the Navy, Contract N00014-76-C-004. (unpub. manuscript).

75-0005A Bauer, E., K. Hunkins, T.O. Manley, and W. Tiemann, 1980a. Arctic Ice Joint Experiment 1975-1976, Physical Oceanography Report STD data - Camp Caribou Volume 1. Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. Cu-8-80, Tech. Report No. 8. 99 p. plus unnumbered figures and tables.

Bauer, E., K. Hunkins, T.O. Manley, and W. Tiemann, 1980b. Arctic Ice Joint Experiment 1975-1976, Physical Oceanography Report STD data - Camp Blue Fox Volume 2. Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. Cu-9-80, Tech. Report No. 9. 98 p. plus unnumbered figures and tables.

Bauer, E., K. Hunkins, T.O. Manley, and W. Tiemann, 1980c. Arctic Ice Joint Experiment 1975-1976, Physical Oceanography Report STD data - Camp Snowbird, Volume 3. Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. Cu-10-80, Tech. Report No. 10. 73 p. plus unnumbered figures and tables.

Bauer, E., K. Hunkins, T.O. Manley, and W. Tiemann, 1980d. Arctic Ice Joint Experiment 1975-1976, Physical Oceanography Report STD data - Camp Big Bear, Volume 4. Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. Cu-11-80, Tech. Report No. 11. 72 p. plus unnumbered figures and tables.

75-0005B Manley, T.O., K. Hunkins, and W. Tiemann, 1980a. Arctic ice dynamics joint experiment 1975-76. Physical oceanography data report. Profiling current meter - Camp Caribou. Office of Naval Research, U.S. Department of the Navy, Contract N00014-76-C-004 (unpub. manuscript). Technical Report No. 4. 237 p.

Manley, T.O., K. Hunkins, and W. Tiemann, 1980b. Arctic ice dynamics joint experiment 1975-76. Physical oceanography data report. Profiling current meter data - Camp Blue Fox. Office of Naval Research, U.S. Department of the Navy, Contract N00014-76-C-004 (unpub. manuscript). Technical Report No. 5. 453 p.

Manley, T.O., K. Hunkins, and W. Tiemann, 1980c. Arctic ice dynamics joint experiment 1975-76. Physical oceanography data report. Profiling current meter data - Camp Snowbird. Office of Naval Research, U.S. Department of the Navy, Contract N00014-76-C-004 (unpub. manuscript). Technical Report No. 6. 455 p.

Manley, T.O., K. Hunkins, and W. Tiemann, 1980d. Arctic ice dynamics joint experiment 1975-76. Physical oceanography data report. Profiling current meter data - Camp Big Bear. Office of Naval Research, U.S. Department of the Navy, Contract N00014-76-C-004 (unpub. manuscript). Technical Report No. 7. 332 p.

Manley, T.O., 1981. Eddies of the western Arctic Ocean - their characteristics and importance to the energy, heat and salt balance. Lamont-Doherty Observatory of Columbia University, Palisades, NY. Doctoral dissertation and supporting material in CU-1-81. Tech. Report No. 1.

75-0006 Wong, C.S., W.J. Cretney, R.W. Macdonald, and P. Christensen, 1976. Hydrocarbon levels in the marine environment of the southern Beaufort Sea. Beaufort Sea Tech. Rep. No. 38. 113 p.

Wong, C.S., R.W. Macdonald,, R.D. Bellegay, and P. Erickson, 1981. Baseline data on chemical oceanography in the southern Beaufort Sea, 1974-5. Beaufort Sea Project Tech. Rept. 14, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

75-0007 Huggett, W.S., M.J. Woodward, and A.N. Douglas, 1977. Data record of current observations Volume XVI: Beaufort Sea 1974 to 1976. Institute of Ocean Sciences, Patricia Bay, Sidney, B.C. (unpub. manuscript).

Huggett, W.S., M.J. Woodward, F. Stephenson, F.V. Hermiston, and A. Douglas, 1975. Near bottom currents and offshore tides. Beaufort Sea Project Tech. Rept. 16, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

75-0008 Huggett, W.S., M.J. Woodward, F. Stephenson, F.V. Hermiston, and A. Douglas, 1975. Near bottom currents and offshore tides. Beaufort Sea Project Tech. Rept. 16, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

75-0009 Bornhold, B.D., 1975. Suspended matter in the southern Beaufort Sea.. Beaufort Sea Project Tech. Rep. 25b, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

75-0010 Grainger, E.H., J.E. Lovrity, and M.S. Evans, 1977. Biological observations in the Eskimo Lakes, Arctic Canada. Physical, nutrient and primary production data, 1961–1976. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 685.

75-0011 Slaney, F.F. & Company Ltd, 1976. 1975 Hydrology survey: Taglu, Richards Island, Mackenzie Delta, Northwest Territories . F.F. Slaney and Company, Vancouver, B.C.. (unpub. manuscript). 53 p plus unnumbered appendices.

75-0012 Grainger, E.H. and J.E. Lovrity, 1975. Physical and chemical oceanographic data from the Beaufort Sea, 1960 to 1975. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 590.

Grainger, E.H., 1975. Biological productivity of the southern Beaufort Sea: the physical-chemical environment and the plankton . Beaufort Sea Project Tech. Rept. 12a, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2).

75-0012A Foy, M.G. and S.I.C. Hsiao, 1976. Phytoplankton data from the Beaufort Sea, 1973 to 1975. Fish. & Mar. Service, Tech. Rep. No. 617. 44 p.

Wacasey, J.W., 1975. Biological productivity of the southern Beaufort Sea: Zoobenthic studies. Beaufort Sea Tech. Rep. No. 12b. 39 p.

Bunch, J.N. and R.C. Harland, 1976. Biodegration of crude petroleum by the indigenous microbial flora of the Beaufort Sea. Beaufort Sea Tech. Rep. No. 10. 52 p.

75-0012B Foy, M.G. and S.I.C. Hsiao, 1976. Phytoplankton data from the Beaufort Sea, 1973 to 1975. Fish. & Mar. Service, Tech. Rep. No. 617. 44 p.

Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

Wacasey, J.W., 1975. Biological productivity of the southern Beaufort Sea: Zoobenthic studies. Beaufort Sea Tech. Rep. No. 12b. 39 p.

75-0024 Percy, R., 1975. Fishes of the outer Mackenzie Delta. Beaufort Sea Project Tech. Rept. 8, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Acess, 144 Front St. W., Toronto, Ontario, M5J 1G2).

75-0025 Kendel, R.E., R.A.C. Johnston, U. Lobsiger, and M.D. Kozak, 1975. Fishes of the Yukon Coast. Beaufort Sea Project Tech. Rept. 6, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C.

(Available from Micromedia Ltd., Information Access, 144 Front St., Toronto, Ontario, M5J 1G2).

75-0026 Dickins Assoc. Ltd., D.F., Arctic Laboratories Ltd. and J. Hellebust, 1981. Return to Balaena Bay. Long-term effects of a large scale crude oil spill under arctic sea ice, 1975 to 1981. Rep. prep. for Gulf Canada Resources Inc., Calgary, Alta. 127 p. plus appendix.

NORCOR Engineering & Research Ltd, 1975. The interaction of crude oil with Arctic Sea Ice. Beaufort Sea Project Tech. Rept. 27, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 144 Front St. W., Toronto, Ontario, M5J 1G2). 149 p plus appendices.

75-0028 Adams, W.A., 1975. Light intensity and primary productivity under sea ice containing oil. Beaufort Sea Project Tech. Rept. 29, Beaufort Sea Project, Dept. of the Environment, Victoria, B.C. (available from Micromedia Ltd., Information Access, 44 Front St. W., Toronto, Ontario, M5J 1G2).

75-0042 DeGraaf, D. and K. Machniak, 1977. Fisheries investigations along the Crossdelta Pipeline Route in the Mackenzie Delta. (In:) McCart, P. 1977. Arctic Gas Biological Report Series Vol 39. Studies to determine the impact of gas pipeline development on aquatic ecosystems. Report by Aquatic Environments Ltd. for Can. Arctic Gas Study Ltd. 169 p.

75-0043 Beak Consultants Ltd., 1975. Biological studies 1975. Beaufort Sea Rep. for Canadian Marine Drilling Ltd.

75-0050 Slaney, F.F. & Company Ltd, 1976. 1975 Hydrology survey: Taglu, Richards Island, Mackenzie Delta, Northwest Territories . F.F. Slaney and Company, Vancouver, B.C.. (unpub. manuscript). 53 p plus unnumbered appendices.

76-0001 Canadian Marine Drilling Ltd, 1977a. Environmental observations - summary. Prepared by Marex for Canadian Marine Drilling Ltd., Calgary, Alberta. January 1977. (Unpublished manuscript). Report number 275.

Fissel, D.B., 1981. An analysis of current meter data obtained at Canmar drillships, 1976-1979. Arctic Sciences Ltd. report to Dome Petroleum Ltd., Calgary, Alta. (unpublished manuscript).

Lemon, D.D. and D.M. Kowalski, 1982. Water column measurements at Canmar drillsites in the Beaufort Sea, 1976-1980. Unpub. rep. by Arctic Sciences Ltd., for the Institute of Ocean Sciences, Sidney. Vol. 1 - 100 p plus appendices; Vol. II - six volumes, unnumbered.

76-0002 Henry, R.F. and M.G.G. Foreman, 1977. Numerical model studies of semi-diurnal tides in the southern Beaufort Sea . Pacific Marine Sciences Report 77-11, Institute of Ocean Sciences, Patricia Bay, Victoria B.C. (unpub. manuscript).

76-0003 Slaney, F.F. & Company Ltd, 1977b. Biophysical data appendix, artificial island sites. Report to Imperial Oil Ltd. (unpub. manuscript).

Slaney, F.F. & Company Ltd, 1977c. 1976 summer aquatic studies, Arnak L-30 artificial island site and Tuft Point borrow site. Report to Imperial Oil Ltd. (unpub. manuscript).

76-0004 Duval, W.S., 1977. Planktonic communities. In: F.F. Slaney and Co. Ltd. 1976 Summer aquatic studies: Arnak L-30 artificial island site and Tuft Point borrow site. Rep. prep. for Imperial Oil Ltd., Calgary, Alta.

Slaney, F.F. & Company Ltd, 1977a. Environmental assessment of construction and construction support activities for the proposed ten year Beaufort Sea offshore exploration program, Volume 2. Report to Imperial Oil Ltd. (unpub. manuscript). 98 p.

76-0020 Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

76-0036 Chambers, M. and G. Bradley, 1976. Part 2 - Physical and water quality studies. R.A. Owens (Ed.). Environmental Studies, Hans Bay region, N.W.T., 1976, Volume 1, Aquatic Studies. Report by F.F. Slaney and Co. Ltd. for Gulf Oil Canada Ltd. pp. 6-14.

Martin, L.C., V.A. Poulin, and G. Bradley, 1976. Lake and stream catalogue, Hans Bay region, N.W.T. Rep. prep. by F.F. Slaney and Co. Ltd. for Gulf Oil Canada Ltd., Calgary, Alta. 6 p. plus catalogue sheets.

Slaney, F.F. & Company Ltd, 1977d. Investigations of the aquatic resources of the Parsons Lake region and environmental impact assessment of the Parsons Lake gas development. Report to Gulf Oil Canada Ltd. 188 p plus unnumbered appendices.

77-0001 Fraker, M.A., C.D. Gordon, J.W. McDonald, J.K.B. Ford, and G. Chambers, 1979. White whale (Delphinapterus leucas) distribution and abundance and the relationship to physical and chemical characteristics of the Mackenzie estuary. Canada Dept. of the Environment, Fisheries and Mar. Serv., Res. and Dev. Directorate, Tech. Rept. 863. 56 p.

77-0002 Aquatic Environments Ltd., 1977. Tuft Point and adjacent coastal areas fisheries project. Report to Imperial Oil Ltd (unpublished manuscript). 152 p.

Jones, M.L. and J. Den Beste, 1977. Tuft Point and adjacent coastal areas fisheries project. Rep. prep. by Aquatic Environments Ltd. for Imperial Oil Ltd., Calgary, Alta. 152 p.

77-0003 Macdonald, R.W., M.E. McFarland, S.J. deMora, D.M. Macdonald, and W.K. Johnson, 1978. Oceanographic data report, Amundsen Gulf, August to September 1977. Institute of Ocean Sciences, Patricia Bay, Sidney, B.C. (unpub. manuscript). Pacific Marine Science Report 78-10.

77-0004 Canadian Marine Drilling Ltd, 1977b. Environmental observations in the Beaufort Sea - 1977. Canmar Technical Report, Canadian Marine Drilling Ltd., Calgary, Alberta. 8 volumes. (Unpublished manuscript).

Fissel, D.B., 1981. An analysis of current meter data obtained at Canmar drillships, 1976-1979. Arctic Sciences Ltd. report to Dome Petroleum Ltd., Calgary, Alta. (unpublished manuscript).

Lemon, D.D. and D.M. Kowalski, 1982. Water column measurements at Canmar drillsites in the Beaufort Sea, 1976-1980. Unpub. rep. by Arctic Sciences Ltd., for the Institute of Ocean Sciences, Sidney. Vol. 1 - 100 p plus appendices; Vol. II - six volumes, unnumbered.

77-0009 Envirocon Ltd, 1977. Isserk artificial island, environmental baseline and monitoring study, 1977. Report by Envirocon Ltd., Calgary, Alberta for Imperial Oil Ltd., Calgary, Alberta, December 1977 (unpublished manuscript). 119 p plus appendices.

77-0010 Thomas, D.J., 1977. Dissolved and sediment concentrations of cadmium, chromium, copper, lead, zinc, nickel, iron and mercury at the Dome Tingmiark K-91 drillsite. Rep. prep. by Seakem Oceanography Ltd., Sidney, B.C. for Dome Petroleum Ltd., Calgary, Alberta. (unpub. manuscript). 14 p.

77-0020 Hillaby, B., 1977. Unpub. field notes of fisheries investigations at King Point Lagoon, Yukon Territory. For Dept. Fish. & Oceans, Vancouver, B.C.

77-0035 Hunter, J.G. and S.T. Leach, 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Can. Data Rep. Fish. Aquat. Sci 414:. x + 87 p.

78-0001 Fissel, D.B., 1981. An analysis of current meter data obtained at Canmar drillships, 1976-1979. Arctic Sciences Ltd. report to Dome Petroleum Ltd., Calgary, Alta. (unpublished manuscript).

Lemon, D.D. and D.M. Kowalski, 1982. Water column measurements at Canmar drillsites in the Beaufort Sea, 1976-1980. Unpub. rep. by Arctic Sciences Ltd., for the Institute of Ocean Sciences, Sidney. Vol. 1 - 100 p plus appendices; Vol. II - six volumes, unnumbered.

78-0002 Thomas, D.J., 1978a. Tingmiark K-91 and Kopanoar D-14: A chemical study one year after the occurrence of water flow, July 1978. Report by Seakem Oceanography Ltd., Sidney, B.C. for Dome Petroleum Ltd., Calgary, Alberta, 1978. (unpub. manuscript).

78-0018 Thomas, D.J., 1978c. A baseline chemical survey at Tarsiut A-25, July 1978. Report by Seakem Oceanography Ltd., Sidney, B.C. to Canadian Marine Drilling Ltd., Calgary, Alberta. (unpub. manuscript).

78-0019 Thomas, D.J., 1978b. Kaglulik A-75: A chemical study during a sustained water flow, July 1978. Report by Seakem Oceanography Ltd., Sidney, B.C. to Canadian Marine Drilling Ltd., Calgary, Alberta. (unpub. manuscript). 31 p.

78-0031 Lawrence, M.J., J. Lacho, and S. Davies, 1984. A survey of the coastal fishes of the southeastern Beaufort Sea. Can. Tech. Rep. Fish. Aquat. Sci. 1220. 178 p.

79-0001 Melling, H. and E.L. Lewis, 1982. Shelf drainage flows in the Beaufort Sea and their effect on the Arctic Ocean pycnocline;. Deep Sea Res. Vol. 29(no. 8A). pp. 967-985.

Melling, H., 1983. Oceanographic features of the Beaufort Sea in early winter. Can. Tech. Rep. Hydrogr. Ocean Sci:(20). 131 p.

79-0002 Murphy, D.L., I.M. Lissauer, and J.C. Myers, 1983. Movement of satellite-tracked buoys in the Beaufort Sea (1979-1981). U.S. Coast Guard R&D Center, Avery Point, Groton, Conn. Rep. No. CG-D-30-83. 53 p.

79-0003 Canadian Marine Drilling Ltd, 1979. Environmental data observations in the Beaufort Sea - 1979. Canmar Technical Report, Canadian Marine Drilling Ltd., Calgary, Alberta. 6 volumes plus supplement. (Unpublished manuscript).

Fissel, D.B., 1981. An analysis of current meter data obtained at Canmar drillships, 1976-1979. Arctic Sciences Ltd. report to Dome Petroleum Ltd., Calgary, Alta. (unpublished manuscript).

Lemon, D.D. and D.M. Kowalski, 1982. Water column measurements at Canmar drillsites in the Beaufort Sea, 1976-1980. Unpub. rep. by Arctic Sciences Ltd., for the Institute of Ocean Sciences, Sidney. Vol. 1 - 100 p plus appendices; Vol. II - six volumes, unnumbered.

79-0005 Thomas, D.J., 1979a. Canmar-Summer's Harbour coaldusting operations, 1979. Environmental monitoring. Report by Arctic Laboratories Ltd. Inuvik, N.W.T. for Canadian Marine Drilling Ltd., Calgary, Alberta, December 1979. (unpub. manuscript).

79-0007 Thomas, D.J., 1979b. A baseline chemical study at Kilannak A-77. Report by Arctic Laboratories Ltd. Inuvik, N.W.T. for Canadian Marine Drilling Ltd., Calgary, Alberta, December 1979. (unpub. manuscript).

79-0009 Thomas, D.J., 1979d. The effect of discharged drilling fluid waste on primary productivity at Nerlerk M98. Report by Arctic Laboratories Ltd. Inuvik, N.W.T. for Canadian Marine Drilling Ltd., Calgary, Alberta. 31 p.

79-0010 Thomas, D.J., 1979c. Dome Petroleum-McKinley Bay dredging programme, Phase I. Geochemical baseline survey and environmental monitoring during 1979 operations. Report by Arctic Laboratories Ltd. Inuvik, N.W.T. for Dome Petroleum, Calgary, Alberta, November 1979. (unpub. manuscript).

79-0026 Acreman, J., G. Borstad, and B. Humphrey, 1980. Dome Petroleum experimental oil spill at McKinley Bay, N.W.T. Examination of ice biota. Rep. prepared by Arctic Laboratories Ltd. for Dome Petroleum Ltd., Calgary, Alta. 16 p.

Dickins, D.F. and I.A. Buist, 1981. Oil and gas under sea ice, 1st draft - unpub. rep by D.F. Dickins Eng. (Dickins) and Dome Petroleum Ltd. (Buist). Vol. 1 - 262 p plus Vol. 2 (Appendices).

Humphrey, B., 1980. Dome/Canmar oil under ice experiment. Rep. by Arctic Laboratories Ltd. (Inuvik, N.W.T.) to Dome Petroleum Ltd., Calgary, Alberta (unpub. manuscript).

79-0037 Lawrence, M.J., J. Lacho, and S. Davies, 1984. A survey of the coastal fishes of the southeastern Beaufort Sea. Can. Tech. Rep. Fish. Aquat. Sci. 1220. 178 p.

79-0121 Diemand, D., E.M. Reimer, and J.V. Barrie, 1982. Ocean drifter studies of surface currents along the coasts of Newfoundland and Labrador and in the Beaufort Sea. St. John's: Centre for Cold Ocean Resources Engineering, 1982. (Data report - Memorial University of Newfoundland. Centre for Cold Ocean Resources Engineering)((C-CORE publication no. 82-3)). viii, 35 p., figures, tables.

80-0001 Murphy, D.L., I.M. Lissauer, and J.C. Myers, 1983. Movement of satellite-tracked buoys in the Beaufort Sea (1979-1981). U.S. Coast Guard R&D Center, Avery Point, Groton, Conn. Rep. No. CG-D-30-83. 53 p.

80-0002 Canadian Marine Drilling Ltd, 1980. Environmental observations in the Beaufort Sea - 1980, Water Column Data. Canmar Technical Report, Canadian Marine Drilling Ltd., Calgary, Alberta. (unpub. manuscript).

Lemon, D.D. and D.M. Kowalski, 1982. Water column measurements at Canmar drillsites in the Beaufort Sea, 1976-1980. Unpub. rep. by Arctic Sciences Ltd., for the Institute of Ocean Sciences, Sidney. Vol. 1 - 100 p plus appendices; Vol. II - six volumes, unnumbered.

80-0003 Thomas, D.J., 1980. Water quality measurements and dredge spoil monitoring at McKinley Bay, N.W.T., 1980. Rep. prep. by Arctic Laboratories Ltd., Inuvik, N.W.T. for Dome Petroleum Ltd., Calgary, Alberta. (unpub. manuscript). 41 p.

80-0004 Thomas, D.J., W.A. Heath, K.A. Thompson, and J.M. Koleba, 1981. An oceanographic study of Tuktoyaktuk Harbour N.W.T., 1980. Report by

Arctic Laboratories, Inuvik, N.W.T. for Dome Petroleum Ltd., Calgary, Alberta, January 1981. (unpub. manuscript). 56 p plus appendices.

80-0016 Acreman, J., G. Borstad, and B. Humphrey, 1980. Dome Petroleum experimental oil spill at McKinley Bay, N.W.T. Examination of ice biota. Rep. prepared by Arctic Laboratories Ltd. for Dome Petroleum Ltd., Calgary, Alta. 16 p.

Dickins, D.F. and I.A. Buist, 1981. Oil and gas under sea ice, 1st draft - unpub. rep by D.F. Dickins Eng. (Dickins) and Dome Petroleum Ltd. (Buist). Vol. 1 - 262 p plus Vol. 2 (Appendices).

Humphrey, B., 1980. Dome/Canmar oil under ice experiment. Rep. by Arctic Laboratories Ltd. (Inuvik, N.W.T.) to Dome Petroleum Ltd., Calgary, Alberta (unpub. manuscript).

80-0025 Griffiths, W.B., 1981. Characteristics of bowhead feeding areas. In: W.J. Richardson (Ed.). Behavior, disturbance responses and feeding of bowhead whales in the Beaufort Sea, 1980. Rep. Prep. by LGL Ecological Research Associates Inc. for U.S. Bureau of Land Management, Washington. pp 197-264.

Griffiths, W.B. and R.A. Buchanan, 1982. Characteristics of bowhead feeding areas. In: W.J. Richardson (Ed.), Behavior, disturbance responses and feeding of bowhead whales Balaena Mysticetus in the Beaufort Sea, 1980-81. Rep. prep. by LGL Ecological Research Associates Inc. for U.S. Bureau of Land Management, Washington. p 347-455.

80-0028 Dickins, D.F. and I.A. Buist, 1981. Oil and gas under sea ice, 1st draft - unpub. rep by D.F. Dickins Eng. (Dickins) and Dome Petroleum Ltd. (Buist). Vol. 1 - 262 p plus Vol. 2 (Appendices).

80-0041 Byers, S.C. and R.K. Kashino, 1980. Survey of fish populations in Kugmallit Bay and Tuktoyaktuk Harbour, Northwest Territories. Dobrocky Seatech Ltd., Victoria, B.C. Prepared for Dome Petroleum Ltd., Calgary, Alta. 78 p.

80-0110 Lawrence, M.J., J. Lacho, and S. Davies, 1984. A survey of the coastal fishes of the southeastern Beaufort Sea. Can. Tech. Rep. Fish. Aquat. Sci. 1220. 178 p.

81-0002A Fissel, D.B., G.R. Wilton, and D.N. Knight, 1981. Subsurface current measurements at Tarsiut and Uviluk drill sites January - August 1981. Unpub. data report by Arctic Sciences Ltd. for Dome Petroleum Ltd., Calgary, Alta. 50 p.

81-0002B Birch, J.R., D.B. Fissel, and G.R. Wilton, 1982. Subsurface current measurements near Tarsiut artificial island, August 1981 - September 1982. Unpublished data report by Arctic Sciences Ltd., Sidney, B.C. for Dome Petroleum Ltd., Calgary, Alberta. 31 p.

81-0003 Erickson, P., D. Thomas, R. Pett, and B. De-Lange-Boom, 1983.

Issungnak Oceanographic Survey, Part A: Oceanographic properties. Rep. prep. for Esso Resources Canada Limited, Gulf Canada Resources Inc., Dome petroleum Limited by Arctic Laboratories Limited, Inuvik, Northwest Territories. 194 p.

Bunch, J.N., F. Dugre, and T. Cartier, 1983. Issungnak oceanographic survey. Part C: Microbiology. Rep. prep. for Esso Canada Resources Ltd., Gulf Canada Resources Inc. and Dome Petroleum Ltd., Calgary, Alta. 39 p.

81-0013 Erickson, P. and R. Pett, 1981. Concentrations of suspended particulate material and dissolved oxygen in Tuktoyaktuk Harbour near dredging conducted by the Government of the Northwest Territories, June 16 - July 6, 1981. Arctic Laboratories Ltd. report to Water and Sanitation Section, Town Planning and Lands Division, Department of Local Government, Government of the Northwest Territories, Yellowknife, N.W.T. (unpublished manuscript). 71 p.

81-0015 Pett, R., J. Acreman, and G. Vickers, 1981. The ice-flora and plankton near Issungnak artificial island in the southern Beaufort Sea - a progress report. Arctic Laboratories Ltd., Inuvik, N.W.T. (unpub. manuscript). 44 p.

81-0016 Birch, J.R. and D.B. Fissel, 1982. Data report-shallow water, near-bottom current measurements in the southeast Beafort Sea, summer 1981. Arctic Sciences Ltd. report to Esso Resources Canada Ltd., Calgary, Alberta, January, 1982 (unpublished manuscript). 41 p.

Fissel, D.B. and J.R. Birch, 1982. An analysis of shallow water near bottom current measurements in the southeast Beaufort Sea, summer 1981. Arctic Sciences Ltd. report to Esso Resources Canada Ltd., Calgary, Alta. (unpublished manuscript). 49 p.

81-0018 Heath, W.A. and D.J. Thomas, 1984. The impact of gravel dredging on benthic fauna near Herschel Island, Yukon Territory, 1981-1982. Rep. for Dome Petroleum Ltd. and Gulf Canada Resources Inc. by Arctic Laboratories Ltd. 74 p plus appendices.

Thomas, D.J., W.A. Heath, J.M. Koleba, B.M. Perry, and A.G. Ethier, 1982. A study of the benthos at Tarsiut N-44 artificial island and south Tarsiut borrow area 1980-1981. Progress rep. by Arctic Laboratories Ltd. for Dome Petroleum Ltd. 160 p.

81-0027 Griffiths, W.B. and R.A. Buchanan, 1982. Characteristics of bowhead feeding areas. In: W.J. Richardson (Ed.), Behavior, disturbance responses and feeding of bowhead whales Balaena Mysticetus in the Beaufort Sea, 1980-81. Rep. prep. by LGL Ecological Research Associates Inc. for U.S. Bureau of Land Management, Washington. p 347-455.

81-0029 Bond, W.A., 1982. A study of the fish resources of Tuktoyaktuk Harbour, southern Beaufort Sea coast, with special reference to life histories of anadromous coregonids. Can. Tech. Rep. Fish. Aquat.

Sci. 1119. 90 p.

Gillman, D.V. and A.H. Kristofferson, 1984. Biological data on Pacific herring (Clupea harengus pallasi) from Tuktoyaktuk Harbour and the Liverpool Bay area, Northwest Territories, 1981 to 1983. Can. Data Rep. Fish. Aquat. Sci. 485. iv plus 22 p.

81-0038 Murphy, D.L., I.M. Lissauer, and J.C. Myers, 1983. Movement of satellite-tracked buoys in the Beaufort Sea (1979-1981). U.S. Coast Guard R&D Center, Avery Point, Groton, Conn. Rep. No. CG-D-30-83. 53 p.

82-0003 Fissel, D.B., D.N. Knight, and J.R. Birch, 1984. An oceanographic survey of the Canadian Arctic Archipelago, March-April 1982. Can. Contract. Rep. Hydrogr. Ocean Sci. 15. 415 p.

82-0032 Ratynski, R.A., 1983. Mid-summer ichthyoplankton populations of Tuktoyaktuk Harbour, N.W.T. Can. Tech. Rep. Fish. Aquat. Sci. 1218. iv plus 21 p.

82-0093 Erickson, P., D. Thomas, R. Pett, and B. De-Lange-Boom, 1983. Issungnak Oceanographic Survey, Part A: Oceanographic properties. Rep. prep. for Esso Resources Canada Limited, Gulf Canada Resources Inc., Dome petroleum Limited by Arctic Laboratories Limited, Inuvik, Northwest Territories. 194 p.

Bunch, J.N., F. Dugre, and T. Cartier, 1983. Issungnak oceanographic survey. Part C: Microbiology. Rep. prep. for Esso Canada Resources Ltd., Gulf Canada Resources Inc. and Dome Petroleum Ltd., Calgary, Alta. 39 p.

82-0094 Heath, W.A. and D.J. Thomas, 1984. The impact of gravel dredging on benthic fauna near Herschel Island, Yukon Territory, 1981-1982. Rep. for Dome Petroleum Ltd. and Gulf Canada Resources Inc. by Arctic Laboratories Ltd. 74 p plus appendices.

82-0095 Allan, R.B. and G.R. MacKenzie-Grieve, 1983. Water quality and biological survey of Stokes Point and King Point, Yukon - Beaufort Sea Coast. Env. Canada, Env. Protection Service, Reg. Prog. Rep. No. 83-23. 70 p.

82-0097A Heath, W.A. and D.J. Thomas, 1983. A study of the benthos and sediment chemistry at Tarsiut N-44 artificial island and substrate borrow areas in the southern Beaufort Sea - 1982. Rep. for Gulf Canada and Dome Petroleum Ltd. by Arctic Laboratories Ltd. 79 p plus appendices.

82-0110 Pett, R.J., G.P. Vickers, J.C. Acreman, and A.G. Ethier, 1983. A seasonal study of the epontic and planktonic communities near the Issungnak artificial island and McKinley Bay in the Canadian Beaufort Sea. Rep. prep. by Arctic Laboratories Ltd. for Fisheries and Oceans Canada. 89 p. plus appendix.

82-0111 Bond, W.A., 1982. A study of the fish resources of Tuktoyaktuk Harbour, southern Beaufort Sea coast, with special reference to life histories of anadromous coregonids. Can. Tech. Rep. Fish. Aquat. Sci. 1119. 90 p.

Gillman, D.V. and A.H. Kristofferson, 1984. Biological data on Pacific herring (Clupea harengus pallasi) from Tuktoyaktuk Harbour and the Liverpool Bay area, Northwest Territories, 1981 to 1983. Can. Data Rep. Fish. Aquat. Sci. 485. iv plus 22 p.

82-0117 Birch, J.R., G.R. Wilton, and D.B. Fissel, 1982. Shallow water current measurements in the southeast Beaufort Sea - summer 1982 (including August 8 - 16, 1981 record from W. Atkinson site). Unpub. data report prepared by Arctic Sciences Ltd., Sidney, for Esso Resources Canada Ltd., Calgary. 66 p.

82-0118 Myers, R.M. and J.A. Kirby, 1982. Oceanographic monitoring at Tarsiut Island. Unpub. rep. by Canmar 0023P/0003P, November 29, 1982. Data Report 1982.

82-0119 Thomas, D.J. and P.G. Berrang, 1982. Observations and water column measurements taken during the 1982 site surveys at Tingmiark K-91 and Kopanoar D-14. Unpub. report by Arctic Laboratories Ltd. for Dome Petroleum Ltd. 22 p.

83-0027 McLaren, P.L. and R.A. Davis, 1984. Distribution of bowhead whales and other marine mammals in the southeast Beaufort Sea, August - September 1983. Unpub. LGL Ltd. rep. for Dome Petroleum Ltd., and Gulf Canada Resources Inc., Calgary.

83-0032 Robe, R.Q., I.M. Lissauer, and J.C. Myers, 1983. Beaufort Sea drifting buoys - 1983,. Paper presented at 7th Annual Arctic Marine Oil Spill Program Technical Seminar, Tech. Serv. Branch, Environ. Prot. Serv., Edmonton, Alberta, Canada, June 12-14, 1984.

Kozo, T.L. and R.Q. Robe, 1986. Modeling winds and open-water buoy drift along the eastern Beaufort Sea coast, including the effects of the Brooks Range. Jour. of Geophys. Res. Vol. 91(No. C11). pp 13011-13032.

83-0047 Allan, R.B. and G.R. MacKenzie-Grieve, 1984. Water quality and biological survey of the coastal waters near Stokes Point, Yukon - Beaufort Sea Coast. Environment Canada, Environmental Protection Service. Reg. Prog. Rep. No. 84-06. 39 p.

83-0058 Borstad, G.A., 1985. Water colour and temperature in the southern Beaufort Sea: remote sensing in support of ecological studies of the bowhead whale. Can. Tech. Rep. Fish. Aquat. Sci. No. 1350. 68p.

83-0059 Albright, L.J., 1986. Bacterial dynamics within the lower Mackenzie River, its estuary and the southern Beaufort Sea. Can. J. Microbiol. (in press).

83-0065 Nadeau, O.C., 1984. Field operations report and data synthesis for the Beaufort Sea Sediment Dynamics Project: 1983-1984. Unpub. rep. by Arctic Laboratories Ltd. for the Atlantic Geoscience Centre, Dept. Energy Mines and Res. 16 p plus unnumbered appendices.

83-0067 De-Lange-Boom, B.R. and B.A. Juszko, 1983. Beaufort Sea oceanographic program, summer 1983. Final data report by Arctic Laboratories Ltd. for Esso Res. Ltd. 40 p.

83-0068 Gillman, D.V. and A.H. Kristofferson, 1984. Biological data on Pacific herring (Clupea harengus pallasi) from Tuktoyaktuk Harbour and the Liverpool Bay area, Northwest Territories, 1981 to 1983. Can. Data Rep. Fish. Aquat. Sci. 485. iv plus 22 p.

84-0017 Harwood, L.A. and G.A. Borstad, 1985. Bowhead whale monitoring study in the southeast Beaufort Sea, July-September 1984. Environmental Studies Revolving Funds Report No. 009. Ottawa. 99 p.

84-0043 Kurfurst, P.J., 1984. Geotechnical investigations in the southern Beaufort Sea - Spring 1984, GSC open file No. 1078. 93 p.

Nadeau, O.C., 1984. Field operations report and data synthesis for the Beaufort Sea Sediment Dynamics Project: 1983-1984. Unpub. rep. by Arctic Laboratories Ltd. for the Atlantic Geoscience Centre, Dept. Energy Mines and Res. 16 p plus unnumbered appendices.

84-0044 Nadeau, O.C., 1984. Field operations report and data synthesis for the Beaufort Sea Sediment Dynamics Project: 1983-1984. Unpub. rep. by Arctic Laboratories Ltd. for the Atlantic Geoscience Centre, Dept. Energy Mines and Res. 16 p plus unnumbered appendices.

84-0045 Devenis, P.K., 1985. Gulf 1984 Beaufort Sea drilling season. Environmental operating conditions: Pitsiulak A-05; Amauligak J-44; Akpak P-35; Tarsiut P-45 Summary Reports. Unpub. Rep. by Gulf Canada Res. Inc.

84-0046 Birch, J.R., D.B. Fissel, and G.R. Wilton, 1984a. Physical oceanographic data report: Amerk O-09 site, Beaufort Sea, Summer 1984, current-meter data. Unpublished report by Arctic Sciences Ltd., Sidney, B.C. for Esso Resources Canada Ltd., Calgary, Alberta. 72 p.

Birch, J.R., D.B. Fissel, and G.R. Wilton, 1984b. Physical oceanographic data report: Nipterk L-19/Kaubvik I-43 site, Beaufort Sea, Summer 1984, current-meter data. Unpublished data report by Arctic Sciences Ltd., Sidney, B.C. for Esso Resources Canada Ltd., Calgary, Alberta. 72 p.

Fissel, D.B., J.R. Birch, and G.R. Wilton, 1984. Physical oceanographic data report: Nipterk L-19/Kaubvik I-43 site, Beaufort Sea, summer 1984, wave and water level data. Unpub. data report by Arctic Sciences Ltd. for Esso Resources Canada Ltd., Calgary, Alta. 89 p.

84-0047 Davidge, D.A. and G.R. Mackenzie-Grieve, 1986. A follow-up water quality and biological survey of King Point and Stokes Point, Yukon - Beaufort Sea coast. Env. Canada, Env. Prot. Service, Draft Rep. Prog. Rep.

85-0007 Bradstreet, M.S.W. and D.B. Fissel, 1986. Zooplankton of a bowhead whale feeding area off the Yukon coast in August 1985. Unpub. rep. by LGL Ltd., King City, Ontario and Arctic Sciences Ltd., Sidney, B.C. for Indian and Northern Affairs Canada. 155 p.

85-0016 Albright, L.J., 1986. Bacterial dynamics within the lower Mackenzie River, its estuary and the southern Beaufort Sea. Can. J. Microbiol. (in press).

85-0017 Hopky, G.A., D.B. Chiperzak, and M.J. Lawrence, 1986. Seasonal temperature, salinity and density data for the Canadian Beaufort Shelf: 1984-85. Can. Data Rep. Fish. Aquat. Sci.

85-0019 Archipelago Marine Research, 1985. A diver survey of herring spawning in the fingers area of Liverpool Bay, N.W.T. Unpub. rep. for DFO, Winnipeg.

85-0029 Arctic Laboratories Ltd, 1985a. Data report for current meter measurements at Arnak, Summer 1985. Unpubl. rep. by Arctic Laboratories Ltd. for Esso Res. Canada Ltd. 46 p plus Appendices.

Arctic Laboratories Ltd, 1985b. Data report for current meter measurements at Nipterk, Summer 1985. Unpubl. rep. by Arctic Laboratories Ltd. for Esso Res. Canada Ltd. 73 p plus Appendices.

Arctic Laboratories Ltd, 1985c. Data report for wave amd water level measurements at Adgo, Summer 1985. Unpubl. rep. by Arctic Laboratories Ltd. for Esso Res. Canada Ltd. 59 p plus Appendices.

85-0030 Gillie, R.D., 1985. King Point coastal zone sediment transport study. Contractor's final report on field operations. Unpub. rep. by Dobrocky Seatech Ltd., Sidney, B.C. for Geol. Survey of Canada. 30 p plus unnumbered Appendices.

85-0031 Richardson, W.J., 1986. Importance of the eastern Alaskan Beaufort Sea to feeding bowhead whales, 1985. W.J. Richardson (Ed.). Unpub. draft report by LGL Ecological Res. Assoc. and Arctic Sciences Ltd., for the U.S. Minerals Management Service. 327 p.

85-0033 Steen, J., 1986. Oceanographic and environmental summary data report. Unpub. Rep. by Canadian Marine Drilling Ltd., Calgary.

86-0009 Hodgins, D.O., O.J. Sayao, E.D. Kinsella, and P.W. Morgan, 1986 (in print). Nearshore sediment dynamics - Beaufort Sea. The 1986 Monitoring Program. Environmental Studies Revolving Funds, Ottawa. Report No. 054.

86-0014 De-Lange-Boom, B.R. and N. Hill, 1986. Data report for wave measurements at Amauligak I-65, summer 1986. Unpub. rep. by Arctic Laboratories Ltd., Sidney, B.C. for Beaudrill Ltd., Calgary, Alberta.

11. DATA INVENTORY TABLE 2 – LISTINGS OF MEASUREMENT LOCATIONS AND OTHER PARAMETERS

This section contains detailed listings of measurement locations and times for each of the data sets plotted on the maps in Section 9. Drifter data and other data at unknown locations may not be listed. There are separate listings for temperature-salinity, current-meter, water-level and wave data. Listings are ordered by data-set number and sorted by date. An explanation of the format appears at the start of each listing. Only data collected within the area of this inventory are listed here; measurements taken elsewhere may be found in the inventories for those areas.

11.1 TEMPERATURE-SALINITY DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; wherever possible it is the station number assigned in the original data source.
LAT, LONG	In degrees and minutes.
YR	Year
MO	Month
DY	Day
HR	Hour; GMT unless specified otherwise
CAST TO	Maximum depth of data, in metres. Zero value implies a surface measurement.
WATER DEPTH	In metres, if available
PARAM MEAS	Parameters measured - conductivity, salinity or temperature, indicated by an 'X'. An 'X' under S indicates that salinity was measured by techniques such as titration. Most recent measurements are of the water conductivity ('X' under C), and salinity is then computed using the pressure, temperature and conductivity values.
INSTR	Instruments type: AAND - Aanderaa current meter APL - Applied Physics Lab. CTD BECK - Beckman BISS - Bisset Berman STD BOTT - bottle sample CT12 - Applied Microsystems CTD-12 GLDL - Guildline CTD HYD - Hydrometer HYDR - Hydrolab CT meter HYT - Hytech induction salinometer INTO - Interocean CTD MART - Martec data logger NB - Neil Brown RS5 - Beckman RS5 ST12 - Applied Microsystems STD-12, with transmissometer TC-2 - Hydrolab TC-2 analogue meter YSI - Yellow Springs Instruments Co. 4021 - Hydrolab 4021 digital meter ? - Instrument type is unknown
INT(HR)	The time period between repetitive sampling at the same station.
NO	The number of repetitive samples.

Blank entries generally indicate that this heading is inapplicable in this case. For example, the headings "INT HR" and "NO" are only used for repetitive casts. A '?' under a heading, such as water depth, means that this information was never entered into our data base. The information is often available however, usually in the reference our source cited in section 10.3.

BOTTLE/CTD DATA SET NUMBER: 35-0001
YEAR:1935 VESSEL/AGENCY: ST. ROCHE

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
YUKON COAST		69 45.	140 45.	35	08	04	?	0	?		X	X	BOTT		
YUKON COAST		69 45.	140 40.	35	08	05	?	0	?		X	X	BOTT		
YUKON COAST		69 45.	140 40.	35	08	06	?	0	?		X	X	BOTT		
YUKON COAST		69 40.	140 00.	35	08	08	?	0	?		X	X	BOTT		
YUKON COAST		69 40.	139 00.	35	08	09	?	0	?		X	X	BOTT		
MACKENZIE BAY		69 38.	138 30.	35	08	14	?	0	?		X	X	BOTT		
MACKENZIE BAY		69 32.	138 50.	35	08	15	?	0	?		X	X	BOTT		
TUK. SHELF		70 17.	130 45.	35	08	16	?	0	?		X	X	BOTT		
AMUNDSEN GULF		70 28.	126 20.	35	08	28	?	0	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 37-0001
YEAR:1937 VESSEL/AGENCY: ST. ROCHE

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DOLPHIN-UNION		69 07.	116 00.	37	08	16	?	0	?		X	X	BOTT		
AMUNDSEN GULF		69 39.	120 28.	37	08	17	?	0	?		X	X	BOTT		
AMUNDSEN GULF		69 53.	122 50.	37	08	17	?	0	?		X	X	BOTT		
BEAUFORT SEA		70 36.	128 20.	37	08	18	?	0	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0001
YEAR:1950 VESSEL/AGENCY: BURTON ISLAND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BEAUFORT SEA	34	70 19.00	138 24.00	50	08	19	08	?	365		X	X	BOTT		
BEAUFORT SEA	35	70 36.00	135 50.00	50	08	19	14	?	73		X	X	BOTT		
BEAUFORT SEA	36	71 03.00	133 05.00	50	08	19	19	?	137		X	X	BOTT		
BEAUFORT SEA	37	71 31.00	130 02.00	50	08	20	00	?	201		X	X	BOTT		
BEAUFORT SEA	38	71 38.00	129 06.00	50	08	20	02	?	298		X	X	BOTT		
BEAUFORT SEA	39	71 49.00	127 55.00	50	08	20	06	?	420		X	X	BOTT		
BEAUFORT SEA	40	71 57.00	126 58.00	50	08	20	08	?	420		X	X	BOTT		
BEAUFORT SEA	41	72 02.00	126 17.00	50	08	20	11	?	31		X	X	BOTT		
BEAUFORT SEA	42	71 56.00	125 42.00	50	08	20	14	?	71		X	X	BOTT		
BEAUFORT SEA	44	71 54.00	126 32.00	50	08	20	16	?	375		X	X	BOTT		
BEAUFORT SEA	45	72 18.00	126 33.00	50	08	21	20	?	34		X	X	BOTT		
BEAUFORT SEA	46	72 18.00	127 41.00	50	08	21	23	?	223		X	X	BOTT		
BEAUFORT SEA	47	72 25.00	128 45.00	50	08	22	02	?	333		X	X	BOTT		
BEAUFORT SEA	48	72 04.00	130 01.00	50	08	22	05	?	365		X	X	BOTT		
BEAUFORT SEA	49	71 45.00	131 29.00	50	08	22	16	?	878		X	X	BOTT		
BEAUFORT SEA	50	71 24.00	132 55.00	50	08	22	21	?	1280		X	X	BOTT		
BEAUFORT SEA	51	71 50.00	134 26.00	50	08	23	04	?	1865		X	X	BOTT		
BEAUFORT SEA	52	71 38.00	137 16.00	50	08	23	12	?	2050		X	X	BOTT		
BEAUFORT SEA	53	72 03.00	137 32.00	50	08	23	20	?	2360		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 51-0001
YEAR:1951 VESSEL/AGENCY: BURTON ISLAND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA	63	70	14.00	139	13.00	51	09	14	13	400	435		X	X	BOTT		
BEAUFORT SEA	64	70	17.00	137	42.00	51	09	14	18	70	73		X	X	BOTT		
BEAUFORT SEA	65	70	36.00	136	00.00	51	09	14	23	200	206		X	X	BOTT		
BEAUFORT SEA	66	70	53.00	134	16.00	51	09	15	04	95	104		X	X	BOTT		
BEAUFORT SEA	67	70	58.00	134	26.00	51	09	15	06	275	287		X	X	BOTT		
BEAUFORT SEA	68	71	04.00	134	54.00	51	09	15	07	450	457		X	X	BOTT		
BEAUFORT SEA	69	71	14.00	134	48.00	51	09	15	10	925	951		X	X	BOTT		
BEAUFORT SEA	70	71	28.00	135	06.00	51	09	15	14	1555	1646		X	X	BOTT		
BEAUFORT SEA	71	71	48.00	135	46.00	51	09	15	19	?	201		X	X	BOTT		
BEAUFORT SEA	72	72	21.00	136	33.00	51	09	16	02	1417	2551		X	X	BOTT		
BEAUFORT SEA	73	72	46.00	134	52.00	51	09	16	11	1556	2515		X	X	BOTT		
BEAUFORT SEA	74	72	41.00	132	02.00	51	09	16	19	1580	2066		X	X	BOTT		
BEAUFORT SEA	75	73	41.00	129	42.00	51	09	17	02	770	1024		X	X	BOTT		
BEAUFORT SEA	76	72	24.00	129	25.00	51	09	17	10	400	420		X	X	BOTT		
BEAUFORT SEA	77	72	41.00	128	16.00	51	09	17	14	200	212		X	X	BOTT		
BEAUFORT SEA	78	72	57.00	126	58.00	51	09	17	19	130	135		X	X	BOTT		
BEAUFORT SEA	79	71	29.00	128	32.00	51	09	18	00	190	193		X	X	BOTT		
BEAUFORT SEA	80	71	40.00	126	44.00	51	09	18	14	410	426		X	X	BOTT		
BEAUFORT SEA	81	71	52.00	126	33.00	51	09	18	17	173	182		X	X	BOTT		
BEAUFORT SEA	82	72	00.00	128	54.00	51	09	19	00	350	374		X	X	BOTT		
BEAUFORT SEA	83	71	42.00	130	49.00	51	09	19	07	470	549		X	X	BOTT		
BEAUFORT SEA	84	71	58.00	132	20.00	51	09	19	11	1385	1408		X	X	BOTT		
BEAUFORT SEA	85	72	08.00	134	21.00	51	09	19	17	1585	3035		X	X	BOTT		
BEAUFORT SEA	86	72	30.00	139	46.00	51	09	20	10	1500	2000		X	X	BOTT		
BEAUFORT SEA	89	71	58.00	139	10.00	51	09	20	19	1271	2633		X	X	BOTT		
BEAUFORT SEA	90	71	27.00	139	14.00	51	09	21	01	1300	2213		X	X	BOTT		
BEAUFORT SEA	91	71	01.00	139	37.00	51	09	21	05	1245	1975		X	X	BOTT		
BEAUFORT SEA	92	70	32.00	139	24.00	51	09	21	11	800	878		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 51-0002
YEAR:1951 VESSEL/AGENCY: CANCOLIM II

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY		69	32.00	138	49.00	51	08	20	06	?	10		X	X	BOTT		
MACKENZIE BAY		69	33.00	138	14.00	51	08	20	09	?	115		X	X	BOTT		
MACKENZIE BAY		69	48.00	138	15.00	51	08	20	12	?	181		X	X	BOTT		
MACKENZIE BAY		69	58.00	138	32.00	51	08	20	14	?	252		X	X	BOTT		
MACKENZIE BAY		70	08.00	138	49.00	51	08	20	16	?	358		X	X	BOTT		
MACKENZIE BAY		70	21.00	139	08.00	51	08	20	21	?	577		X	X	BOTT		
MACKENZIE BAY		69	46.00	139	42.00	51	08	21	02	?	34		X	X	BOTT		
MACKENZIE BAY		69	51.00	139	08.00	51	08	21	05	?	54		X	X	BOTT		
MACKENZIE BAY		70	04.00	138	06.00	51	08	21	10	?	201		X	X	BOTT		
MACKENZIE BAY		70	07.00	137	30.00	51	08	21	13	?	49		X	X	BOTT		
MACKENZIE BAY		69	53.00	134	00.00	51	08	22	11	?	9		X	X	BOTT		
BEAUFORT SEA		70	40.00	128	15.00	51	08	24	21	?	20		X	X	BOTT		
BEAUFORT SEA		71	06.00	127	13.00	51	08	25	03	?	217		X	X	BOTT		
BEAUFORT SEA		71	30.00	126	12.00	51	08	25	08	?	455		X	X	BOTT		
BEAUFORT SEA		71	52.00	125	19.00	51	08	25	13	?	131		X	X	BOTT		
BEAUFORT SEA		72	51.00	127	04.00	51	08	26	02	?	175		X	X	BOTT		
BEAUFORT SEA		73	21.00	126	00.00	51	08	26	11	?	95		X	X	BOTT		
BEAUFORT SEA		72	41.00	125	34.00	51	08	27	00	?	18		X	X	BOTT		
BEAUFORT SEA		71	53.00	126	00.00	51	08	27	11	?	12		X	X	BOTT		
BEAUFORT SEA		71	39.00	125	21.00	51	08	28	11	?	263		X	X	BOTT		
AMUNDSEN GULF		69	37.00	117	11.00	51	08	31	16	?	182		X	X	BOTT		
AMUNDSEN GULF		69	24.00	117	55.00	51	08	31	22	?	395		X	X	BOTT		
AMUNDSEN GULF		69	14.00	118	26.00	51	09	01	00	?	117		X	X	BOTT		
AMUNDSEN GULF		69	23.00	119	26.00	51	09	01	06	?	85		X	X	BOTT		
AMUNDSEN GULF		69	29.00	119	31.00	51	09	01	08	?	193		X	X	BOTT		
AMUNDSEN GULF		69	54.00	119	50.00	51	09	01	12	?	482		X	X	BOTT		
AMUNDSEN GULF		70	24.00	120	13.00	51	09	01	18	?	343		X	X	BOTT		
AMUNDSEN GULF		71	02.00	120	40.00	51	09	02	00	?	208		X	X	BOTT		

AMUNDSEN GULF		71	18.00	120	53.00	51	09	02	03	?	120		X	X	BOTT		
AMUNDSEN GULF		71	23.00	121	28.00	51	09	02	07	?	10		X	X	BOTT		
AMUNDSEN GULF		71	19.00	121	16.00	51	09	03	01	?	32		X	X	BOTT		
AMUNDSEN GULF		71	13.00	120	08.00	51	09	03	07	?	160		X	X	BOTT		
AMUNDSEN GULF		71	06.00	119	25.00	51	09	03	09	?	153		X	X	BOTT		
AMUNDSEN GULF		71	00.00	118	43.00	51	09	03	12	?	117		X	X	BOTT		
AMUNDSEN GULF		71	04.00	122	48.00	51	09	04	19	?	10		X	X	BOTT		
AMUNDSEN GULF		71	01.00	123	01.00	51	09	04	21	?	250		X	X	BOTT		
AMUNDSEN GULF		70	50.00	123	40.00	51	09	05	01	?	539		X	X	BOTT		
BEAUFORT SEA		70	23.00	129	27.00	51	09	06	00	?	9		X	X	BOTT		
BEAUFORT SEA		69	48.00	135	12.00	51	09	12	00	?	9		X	X	BOTT		
BEAUFORT SEA		70	04.00	135	39.00	51	09	12	04	?	36		X	X	BOTT		
BEAUFORT SEA		70	24.00	136	15.00	51	09	12	08	?	54		X	X	BOTT		
BEAUFORT SEA		70	36.00	136	38.00	51	09	12	11	?	731		X	X	BOTT		
BEAUFORT SEA		70	15.00	138	12.00	51	09	15	19	?	356		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0001
YEAR:1952 VESSEL/AGENCY: CANCOLIM II

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA		69	39.60	133	12.50	52	07	18	22	?	5		X	X	BOTT		
BEAUFORT SEA		69	39.60	133	12.50	52	07	19	05	?	5		X	X	BOTT		
BEAUFORT SEA		69	39.60	133	12.50	52	07	19	11	?	5		X	X	BOTT		
BEAUFORT SEA		69	39.60	133	12.50	52	07	19	15	?	5		X	X	BOTT		
BEAUFORT SEA		69	39.60	133	12.50	52	07	19	20	?	5		X	X	BOTT		
BEAUFORT SEA		69	39.60	133	12.50	52	07	20	00	?	5		X	X	BOTT		
BEAUFORT SEA		69	36.90	133	00.40	52	07	20	01	?	7		X	X	BOTT		
BEAUFORT SEA		69	42.20	133	11.20	52	07	20	02	?	7		X	X	BOTT		
BEAUFORT SEA		69	48.60	133	03.50	52	07	20	03	?	7		X	X	BOTT		
BEAUFORT SEA		69	48.30	133	18.50	52	07	20	04	?	10		X	X	BOTT		
BEAUFORT SEA		69	43.50	133	29.50	52	07	20	07	?	16		X	X	BOTT		
BEAUFORT SEA		69	50.20	134	11.00	52	07	20	10	?	7		X	X	BOTT		
BEAUFORT SEA		69	45.50	134	31.50	52	07	20	12	?	7		X	X	BOTT		
BEAUFORT SEA		69	44.00	133	45.00	52	07	20	13	?	5		X	X	BOTT		
BEAUFORT SEA		69	45.00	134	45.00	52	07	21	02	?	5		X	X	BOTT		
BEAUFORT SEA		69	49.20	134	16.90	52	07	21	07	?	7		X	X	BOTT		
BEAUFORT SEA		69	49.80	134	58.00	52	07	21	08	?	5		X	X	BOTT		
BEAUFORT SEA		69	47.20	133	42.00	52	07	21	09	?	5		X	X	BOTT		
BEAUFORT SEA		69	44.60	133	26.00	52	07	21	10	?	7		X	X	BOTT		
BEAUFORT SEA		69	42.10	133	10.80	52	07	21	11	?	7		X	X	BOTT		
BEAUFORT SEA		69	37.70	133	59.90	52	07	21	12	?	10		X	X	BOTT		
BEAUFORT SEA		69	34.80	133	09.00	52	07	21	13	?	5		X	X	BOTT		
BEAUFORT SEA		69	27.30	133	02.20	52	07	25	17	?	10		X	X	BOTT		
BEAUFORT SEA		69	27.30	133	02.20	52	07	25	21	?	5		X	X	BOTT		
BEAUFORT SEA		69	29.00	133	07.10	52	07	26	17	?	5		X	X	BOTT		
BEAUFORT SEA		69	32.00	133	11.10	52	07	26	18	?	3		X	X	BOTT		
BEAUFORT SEA		69	34.90	133	12.00	52	07	26	18	?	3		X	X	BOTT		
BEAUFORT SEA		69	39.00	133	17.50	52	07	26	19	?	3		X	X	BOTT		
BEAUFORT SEA		69	40.00	133	32.50	52	07	26	21	?	5		X	X	BOTT		
BEAUFORT SEA		69	40.00	133	47.90	52	07	26	21	?	5		X	X	BOTT		
BEAUFORT SEA		69	40.00	134	02.00	52	07	27	01	?	7		X	X	BOTT		
BEAUFORT SEA		69	47.90	133	56.00	52	07	27	03	?	5		X	X	BOTT		
BEAUFORT SEA		69	43.80	133	47.30	52	07	27	05	?	5		X	X	BOTT		
BEAUFORT SEA		69	40.70	133	16.00	52	07	27	07	?	5		X	X	BOTT		
BEAUFORT SEA		69	40.40	132	59.00	52	07	27	08	?	5		X	X	BOTT		
BEAUFORT SEA		69	49.90	132	42.90	52	07	27	17	?	10		X	X	BOTT		
BEAUFORT SEA		69	52.50	132	15.90	52	07	27	19	?	14		X	X	BOTT		
BEAUFORT SEA		70	03.80	131	40.20	52	07	27	21	?	14		X	X	BOTT		
BEAUFORT SEA		70	11.80	131	03.10	52	07	27	23	?	14		X	X	BOTT		
BEAUFORT SEA		70	23.30	130	16.90	52	07	28	01	?	14		X	X	BOTT		
BEAUFORT SEA		70	29.80	129	43.90	52	07	28	04	?	14		X	X	BOTT		
BEAUFORT SEA		70	38.00	129	00.00	52	07	28	06	?	16		X	X	BOTT		
BEAUFORT SEA		70	40.00	128	10.00	52	07	28	09	?	21		X	X	BOTT		
BEAUFORT SEA		70	40.00	128	10.00	52	07	28	13	?	23		X	X	BOTT		
BEAUFORT SEA		70	40.00	128	10.00	52	07	28	15	?	23		X	X	BOTT		
BEAUFORT SEA		70	40.00	128	10.00	52	07	28	18	?	23		X	X	BOTT		
BEAUFORT SEA		70	40.00	128	10.00	52	07	28	23	?	23		X	X	BOTT		
BEAUFORT SEA		70	40.00	128	10.00	52	07	29	01	?	23		X	X	BOTT		
BEAUFORT SEA		70	40.00	128	10.00	52	07	29	05	?	23		X	X	BOTT		
BEAUFORT SEA		70	31.00	128	19.00	52	07	30	07	?	5		X	X	BOTT		
BEAUFORT SEA		70	39.80	128	10.50	52	07	30	19	?	21		X	X	BOTT		
BEAUFORT SEA		70	45.00	127	57.50	52	07	30	20	?	62		X	X	BOTT		
BEAUFORT SEA		70	56.30	127	28.00	52	07	30	23	?	149		X	X	BOTT		

BEAUFORT SEA	71	08.10	126	58.10	52	07	31	02	?	277	X	X	BOTT
BEAUFORT SEA	71	20.10	126	27.90	52	07	31	06	?	427	X	X	BOTT
BEAUFORT SEA	71	31.80	125	56.40	52	07	31	11	?	365	X	X	BOTT
BEAUFORT SEA	71	43.20	125	27.00	52	07	31	14	?	219	X	X	BOTT
BEAUFORT SEA	71	48.20	125	13.00	52	07	31	16	?	179	X	X	BOTT
BEAUFORT SEA	71	56.80	125	58.50	52	07	31	19	?	25	X	X	BOTT
BEAUFORT SEA	71	56.80	125	58.50	52	08	02	18	?	21	X	X	BOTT
BEAUFORT SEA	71	57.80	125	59.00	52	08	02	19	?	21	X	X	BOTT
BEAUFORT SEA	71	57.20	126	00.00	52	08	02	20	?	21	X	X	BOTT
BEAUFORT SEA	71	54.00	126	00.50	52	08	02	21	?	151	X	X	BOTT
BEAUFORT SEA	71	54.70	126	35.50	52	08	02	23	?	212	X	X	BOTT
BEAUFORT SEA	71	54.80	127	10.50	52	08	03	01	?	402	X	X	BOTT
BEAUFORT SEA	71	54.20	127	43.00	52	08	03	04	?	380	X	X	BOTT
BEAUFORT SEA	71	55.50	128	16.00	52	08	03	07	?	373	X	X	BOTT
BEAUFORT SEA	72	05.80	128	16.20	52	08	03	11	?	365	X	X	BOTT
BEAUFORT SEA	72	16.00	128	17.00	52	08	03	14	?	336	X	X	BOTT
BEAUFORT SEA	72	26.30	128	17.30	52	08	03	17	?	277	X	X	BOTT
BEAUFORT SEA	72	51.20	128	17.70	52	08	03	22	?	373	X	X	BOTT
BEAUFORT SEA	69	39.00	133	12.00	52	08	08	07	?	5	X	X	BOTT
BEAUFORT SEA	70	00.70	133	08.60	52	08	08	10	?	18	X	X	BOTT
BEAUFORT SEA	70	22.50	133	05.30	52	08	08	12	?	32	X	X	BOTT
BEAUFORT SEA	70	44.80	132	58.80	52	08	08	15	?	58	X	X	BOTT
BEAUFORT SEA	71	05.80	132	54.70	52	08	08	18	?	173	X	X	BOTT
BEAUFORT SEA	71	15.60	132	04.90	52	08	08	22	?	193	X	X	BOTT
BEAUFORT SEA	71	22.00	131	08.40	52	08	09	03	?	466	X	X	BOTT
BEAUFORT SEA	71	01.20	130	48.70	52	08	09	07	?	45	X	X	BOTT
BEAUFORT SEA	70	41.30	130	45.90	52	08	09	11	?	32	X	X	BOTT
BEAUFORT SEA	70	21.10	130	42.90	52	08	09	13	?	18	X	X	BOTT
BEAUFORT SEA	70	14.20	130	59.80	52	08	09	15	?	14	X	X	BOTT
BEAUFORT SEA	70	05.90	131	50.40	52	08	09	18	?	20	X	X	BOTT
BEAUFORT SEA	69	57.70	133	22.90	52	08	09	22	?	21	X	X	BOTT
BEAUFORT SEA	69	52.10	134	17.50	52	08	10	00	?	9	X	X	BOTT
BEAUFORT SEA	69	49.40	135	07.00	52	08	10	03	?	12	X	X	BOTT
BEAUFORT SEA	70	10.00	135	06.90	52	08	10	05	?	49	X	X	BOTT
BEAUFORT SEA	70	30.60	135	06.90	52	08	10	08	?	56	X	X	BOTT
BEAUFORT SEA	70	45.60	135	05.00	52	08	10	12	?	87	X	X	BOTT
BEAUFORT SEA	70	10.50	135	56.10	52	08	10	19	?	47	X	X	BOTT
BEAUFORT SEA	70	00.50	136	58.00	52	08	11	00	?	43	X	X	BOTT
BEAUFORT SEA	70	18.40	136	56.70	52	08	11	04	?	228	X	X	BOTT
BEAUFORT SEA	69	45.30	137	01.30	52	08	11	10	?	31	X	X	BOTT
BEAUFORT SEA	69	30.10	137	04.00	52	08	11	12	?	18	X	X	BOTT
BEAUFORT SEA	69	30.70	137	45.50	52	08	11	14	?	58	X	X	BOTT
BEAUFORT SEA	69	31.30	138	48.00	52	08	11	17	?	14	X	X	BOTT
BEAUFORT SEA	69	25.00	138	14.00	52	08	14	07	?	56	X	X	BOTT
BEAUFORT SEA	69	18.80	137	24.00	52	08	14	10	?	14	X	X	BOTT
BEAUFORT SEA	69	31.00	137	01.00	52	08	14	14	?	18	X	X	BOTT
BEAUFORT SEA	69	31.00	137	01.00	52	08	14	18	?	18	X	X	BOTT
BEAUFORT SEA	69	31.00	137	01.00	52	08	14	23	?	18	X	X	BOTT
BEAUFORT SEA	69	31.00	137	01.00	52	08	15	02	?	18	X	X	BOTT
BEAUFORT SEA	69	31.00	137	01.00	52	08	15	07	?	18	X	X	BOTT
BEAUFORT SEA	69	31.00	137	01.00	52	08	15	11	?	18	X	X	BOTT
BEAUFORT SEA	69	31.00	137	01.00	52	08	15	14	?	18	X	X	BOTT
BEAUFORT SEA	69	31.00	137	01.00	52	08	15	18	?	18	X	X	BOTT
BEAUFORT SEA	69	30.50	136	26.00	52	08	15	21	?	7	X	X	BOTT
BEAUFORT SEA	69	25.80	136	45.00	52	08	15	22	?	7	X	X	BOTT
BEAUFORT SEA	69	18.00	137	14.50	52	08	16	00	?	16	X	X	BOTT
BEAUFORT SEA	69	11.30	137	40.00	52	08	16	02	?	23	X	X	BOTT
BEAUFORT SEA	69	15.10	137	58.00	52	08	16	03	?	36	X	X	BOTT
BEAUFORT SEA	69	23.20	138	21.50	52	08	16	05	?	29	X	X	BOTT
BEAUFORT SEA	69	26.00	138	45.80	52	08	16	07	?	16	X	X	BOTT
BEAUFORT SEA	69	44.00	138	50.00	52	08	16	09	?	87	X	X	BOTT
BEAUFORT SEA	69	56.80	138	52.50	52	08	16	12	?	204	X	X	BOTT
BEAUFORT SEA	69	24.00	138	48.90	52	08	16	18	?	78	X	X	BOTT
BEAUFORT SEA	69	30.80	138	15.30	52	08	17	00	?	16	X	X	BOTT
BEAUFORT SEA	69	45.00	138	23.00	52	08	17	01	?	148	X	X	BOTT
BEAUFORT SEA	69	30.40	137	46.90	52	08	17	03	?	45	X	X	BOTT
BEAUFORT SEA	69	30.40	136	55.50	52	08	17	05	?	20	X	X	BOTT
BEAUFORT SEA	69	32.10	136	15.00	52	08	17	07	?	7	X	X	BOTT
BEAUFORT SEA	69	42.30	135	45.50	52	08	17	10	?	9	X	X	BOTT
BEAUFORT SEA	69	49.50	135	06.00	52	08	17	12	?	12	X	X	BOTT
BEAUFORT SEA	69	53.20	134	10.60	52	08	17	14	?	9	X	X	BOTT
BEAUFORT SEA	69	41.40	133	28.80	52	08	17	16	?	9	X	X	BOTT
BEAUFORT SEA	69	38.30	133	10.00	52	08	17	18	?	5	X	X	BOTT
BEAUFORT SEA	69	38.70	133	11.80	52	08	19	05	?	5	X	X	BOTT
BEAUFORT SEA	69	56.40	133	12.80	52	08	19	08	?	20	X	X	BOTT
BEAUFORT SEA	70	15.80	133	13.20	52	08	19	11	?	38	X	X	BOTT
BEAUFORT SEA	70	36.40	133	14.00	52	08	19	14	?	58	X	X	BOTT
BEAUFORT SEA	70	55.40	133	15.00	52	08	19	18	?	109	X	X	BOTT
BEAUFORT SEA	71	06.80	133	16.20	52	08	19	21	?	731	X	X	BOTT
BEAUFORT SEA	71	20.00	131	26.00	52	08	20	03	?	731	X	X	BOTT
BEAUFORT SEA	71	07.60	130	58.70	52	08	20	07	?	106	X	X	BOTT
BEAUFORT SEA	71	13.40	129	05.20	52	08	20	12	?	80	X	X	BOTT
BEAUFORT SEA	71	37.10	129	29.00	52	08	20	15	?	299	X	X	BOTT

BEAUFORT SEA		71 49.50	129 33.30	52 08 20 19	?	453		X	X	BOTT		
BEAUFORT SEA		72 00.00	128 59.00	52 08 21 01	?	352		X	X	BOTT		
BEAUFORT SEA		72 30.00	129 00.00	52 08 21 06	?	395		X	X	BOTT		
BEAUFORT SEA		71 55.00	128 26.00	52 08 21 13	?	391		X	X	BOTT		
BEAUFORT SEA		71 32.00	128 29.00	52 08 21 18	?	182		X	X	BOTT		
BEAUFORT SEA		71 00.50	128 32.00	52 08 21 22	?	40		X	X	BOTT		
BEAUFORT SEA		70 42.80	128 31.00	52 08 22 00	?	18		X	X	BOTT		
BEAUFORT SEA		70 39.20	128 17.40	52 08 22 01	?	21		X	X	BOTT		
BEAUFORT SEA		70 41.40	128 14.40	52 08 22 19	?	27		X	X	BOTT		
BEAUFORT SEA		70 47.40	128 03.20	52 08 22 21	?	47		X	X	BOTT		
BEAUFORT SEA		71 00.40	127 38.90	52 08 22 23	?	117		X	X	BOTT		
BEAUFORT SEA		71 13.40	127 16.00	52 08 23 01	?	248		X	X	BOTT		
BEAUFORT SEA		71 26.50	126 50.80	52 08 23 06	?	409		X	X	BOTT		
BEAUFORT SEA		71 38.60	126 21.80	52 08 23 10	?	351		X	X	BOTT		
BEAUFORT SEA		71 51.20	125 52.80	52 08 23 13	?	166		X	X	BOTT		
BEAUFORT SEA		71 56.80	125 52.20	52 08 23 14	?	18		X	X	BOTT		
BEAUFORT SEA		71 58.30	126 02.80	52 08 23 15	?	12		X	X	BOTT		
BEAUFORT SEA		71 58.50	126 18.80	52 08 23 18	?	29		X	X	BOTT		
BEAUFORT SEA		71 59.00	126 54.00	52 08 23 20	?	219		X	X	BOTT		
BEAUFORT SEA		72 00.00	127 48.00	52 08 23 23	?	373		X	X	BOTT		
BEAUFORT SEA		72 01.10	129 33.20	52 08 24 04	?	362		X	X	BOTT		
BEAUFORT SEA		71 31.30	131 30.00	52 08 24 13	?	594		X	X	BOTT		
BEAUFORT SEA		71 11.80	131 36.00	52 08 24 16	?	73		X	X	BOTT		
BEAUFORT SEA		70 52.20	131 41.20	52 08 24 19	?	54		X	X	BOTT		
BEAUFORT SEA		70 33.00	131 47.40	52 08 24 22	?	36		X	X	BOTT		
BEAUFORT SEA		70 13.30	130 56.20	52 08 25 02	?	10		X	X	BOTT		
BEAUFORT SEA		70 05.00	132 02.00	52 08 25 05	?	20		X	X	BOTT		
BEAUFORT SEA		69 58.00	133 25.00	52 08 25 09	?	20		X	X	BOTT		
BEAUFORT SEA		69 53.80	134 30.00	52 08 25 12	?	10		X	X	BOTT		
BEAUFORT SEA		69 50.80	135 05.70	52 08 25 14	?	12		X	X	BOTT		
BEAUFORT SEA		69 43.70	135 49.60	52 08 25 16	?	7		X	X	BOTT		
BEAUFORT SEA		69 32.30	136 18.60	52 08 25 18	?	7		X	X	BOTT		
BEAUFORT SEA		69 32.90	137 12.60	52 08 25 21	?	36		X	X	BOTT		
BEAUFORT SEA		69 33.30	137 58.80	52 08 25 23	?	67		X	X	BOTT		
BEAUFORT SEA		69 34.00	138 22.00	52 08 26 00	?	102		X	X	BOTT		
BEAUFORT SEA		69 32.50	138 47.00	52 08 26 02	?	10		X	X	BOTT		
BEAUFORT SEA		69 48.70	138 20.00	52 08 26 06	?	170		X	X	BOTT		
BEAUFORT SEA		70 00.80	138 40.00	52 08 26 09	?	263		X	X	BOTT		
BEAUFORT SEA		70 12.20	138 58.00	52 08 26 12	?	380		X	X	BOTT		
BEAUFORT SEA		70 22.40	139 15.00	52 08 26 16	?	621		X	X	BOTT		
BEAUFORT SEA		69 41.10	133 11.70	52 08 29 14	?	5		X	X	BOTT		
BEAUFORT SEA		69 57.00	133 11.00	52 08 29 17	?	18		X	X	BOTT		
BEAUFORT SEA		70 17.00	133 10.10	52 08 29 20	?	31		X	X	BOTT		
BEAUFORT SEA		70 37.00	133 02.80	52 08 29 23	?	51		X	X	BOTT		
BEAUFORT SEA		70 37.50	134 40.00	52 08 30 03	?	53		X	X	BOTT		
BEAUFORT SEA		70 47.50	134 39.20	52 08 30 04	?	69		X	X	BOTT		
BEAUFORT SEA		70 47.80	135 24.80	52 08 30 07	?	391		X	X	BOTT		
BEAUFORT SEA		70 30.50	135 56.00	52 08 30 10	?	58		X	X	BOTT		
BEAUFORT SEA		70 15.90	136 22.80	52 08 30 13	?	51		X	X	BOTT		
BEAUFORT SEA		70 16.30	137 51.80	52 08 30 17	?	120		X	X	BOTT		
BEAUFORT SEA		70 08.60	138 44.50	52 08 30 21	?	338		X	X	BOTT		
BEAUFORT SEA		70 03.80	139 18.80	52 08 30 23	?	113		X	X	BOTT		
BEAUFORT SEA		69 44.50	139 09.00	52 08 31 02	?	36		X	X	BOTT		
BEAUFORT SEA		69 48.30	138 16.80	52 08 31 05	?	175		X	X	BOTT		
BEAUFORT SEA		69 50.20	137 28.20	52 08 31 08	?	56		X	X	BOTT		
BEAUFORT SEA		69 39.40	136 41.00	52 08 31 11	?	14		X	X	BOTT		
BEAUFORT SEA		69 30.00	137 52.60	52 08 31 15	?	51		X	X	BOTT		
BEAUFORT SEA		69 29.90	138 24.20	52 08 31 16	?	80		X	X	BOTT		
BEAUFORT SEA		69 32.10	138 44.50	52 08 31 18	?	12		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0002
YEAR: 1952 VESSEL/AGENCY: BURTON ISLAND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BEAUFORT SEA	11	71 57.00	125 49.00	52 09 02 18	10	27		X	X	BOTT		
BEAUFORT SEA	12	73 50.00	124 40.00	52 09 04 14	27	54		X	X	BOTT		
BEAUFORT SEA	13	74 13.00	125 10.00	52 09 05 02	28	54		X	X	BOTT		
BEAUFORT SEA	14	74 17.00	125 42.00	52 09 05 04	225	433		X	X	BOTT		
BEAUFORT SEA	15	74 20.00	125 48.00	52 09 05 08	296	567		X	X	BOTT		
BEAUFORT SEA	16	74 24.00	125 43.00	52 09 05 12	350	664		X	X	BOTT		
BEAUFORT SEA	17	74 02.00	126 38.00	52 09 05 18	155	301		X	X	BOTT		
BEAUFORT SEA	18	74 05.00	127 13.00	52 09 05 21	245	664		X	X	BOTT		
BEAUFORT SEA	19	73 48.00	126 52.00	52 09 06 01	170	363		X	X	BOTT		

BEAUFORT SEA	20	73	41.00	128	00.00	52	09	06	06	400	786		X	X	BOTT		
BEAUFORT SEA	21	73	44.00	128	33.00	52	09	06	13	900	1748		X	X	BOTT		
BEAUFORT SEA	22	72	37.00	126	04.00	52	09	07	05	38	78		X	X	BOTT		
BEAUFORT SEA	23	73	16.00	128	25.00	52	09	07	15	343	665		X	X	BOTT		
BEAUFORT SEA	24	72	04.00	128	57.00	52	09	07	20	367	743		X	X	BOTT		
BEAUFORT SEA	25	71	45.00	129	32.00	52	09	08	01	285	567		X	X	BOTT		
BEAUFORT SEA	26	71	56.00	125	48.00	52	09	08	16	18	38		X	X	BOTT		
BEAUFORT SEA	27	71	02.00	130	20.00	52	09	09	13	38	75		X	X	BOTT		
BEAUFORT SEA	28	70	26.00	132	36.00	52	09	09	20	38	76		X	X	BOTT		
BEAUFORT SEA	29	70	14.00	134	57.00	52	09	10	01	40	78		X	X	BOTT		
BEAUFORT SEA	30	70	13.00	137	26.00	52	09	10	06	58	113		X	X	BOTT		
BEAUFORT SEA	31	70	14.00	139	37.00	52	09	10	22	360	698		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0001
YEAR: 1953 VESSEL/AGENCY: BURTON ISLAND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
AMUNDSEN GULF	1	70	45.00	127	33.00	53	08	08	05	150	188		X	X	BOTT		
AMUNDSEN GULF	2	70	13.00	124	35.00	53	08	09	00	60	69		X	X	BOTT		
AMUNDSEN GULF	3	70	39.00	124	10.00	53	08	09	05	400	429		X	X	BOTT		
AMUNDSEN GULF	4	70	50.00	123	24.00	53	08	09	11	446	487		X	X	BOTT		
AMUNDSEN GULF	5	71	02.00	122	57.00	53	08	09	14	148	190		X	X	BOTT		
AMUNDSEN GULF	6	71	04.00	122	45.00	53	08	09	19	21	21		X	X	BOTT		
AMUNDSEN GULF	7	71	06.00	122	29.00	53	08	10	00	23	24		X	X	BOTT		
AMUNDSEN GULF	8	71	22.00	120	32.00	53	08	11	10	45	50		X	X	BOTT		
AMUNDSEN GULF	9	71	28.00	120	09.00	53	08	11	12	?	?		X	X	BOTT		
AMUNDSEN GULF	10	71	32.00	119	46.00	53	08	11	14	125	135		X	X	BOTT		
AMUNDSEN GULF	11	71	34.00	119	11.00	53	08	11	23	17	19		X	X	BOTT		
PR. WALES STR.	12	71	59.00	120	02.00	53	08	14	08	20	23		X	X	BOTT		
PR. WALES STR.	13	71	50.00	118	54.00	53	08	15	12	25	66		X	X	BOTT		
PR. WALES STR.	14	71	55.00	119	32.00	53	08	15	15	90	97		X	X	BOTT		
PR. WALES STR.	31	71	58.00	120	13.00	53	08	25	08	70	75		X	X	BOTT		
PR. WALES STR.	32	71	56.00	119	38.00	53	08	25	10	115	120		X	X	BOTT		
PR. WALES STR.	33	71	53.00	119	08.00	53	08	25	12	20	26		X	X	BOTT		
AMUNDSEN GULF	34	71	38.00	119	10.00	53	08	25	14	18	21		X	X	BOTT		
AMUNDSEN GULF	35	71	31.00	119	50.00	53	08	25	22	145	150		X	X	BOTT		
AMUNDSEN GULF	36	71	28.00	120	35.00	53	08	26	00	75	80		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0001
YEAR: 1954 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
AMUNDSEN GULF		71	34.00	119	46.00	54	09	06	16	?	144		X	X	BOTT		
AMUNDSEN GULF		71	34.00	119	27.00	54	09	06	17	?	88		X	X	BOTT		
AMUNDSEN GULF		71	34.00	120	00.00	54	09	06	18	?	165		X	X	BOTT		
AMUNDSEN GULF		71	33.00	120	16.00	54	09	06	19	?	119		X	X	BOTT		
AMUNDSEN GULF		71	27.00	121	35.00	54	09	07	17	?	55		X	X	BOTT		
BEAUFORT SEA		71	58.00	127	21.00	54	09	12	07	?	399		X	X	BOTT		
BEAUFORT SEA		71	49.00	128	01.00	54	09	12	11	?	421		X	X	BOTT		
BEAUFORT SEA		71	41.00	129	18.00	54	09	12	16	?	320		X	X	BOTT		
BEAUFORT SEA		71	49.00	130	30.00	54	09	12	19	?	503		X	X	BOTT		
BEAUFORT SEA		71	52.00	131	40.00	54	09	12	22	?	1189		X	X	BOTT		
BEAUFORT SEA		71	15.00	132	00.00	54	09	13	02	?	274		X	X	BOTT		
BEAUFORT SEA		71	16.00	134	28.00	54	09	13	08	?	1006		X	X	BOTT		
BEAUFORT SEA		70	55.00	137	52.00	54	09	13	19	?	1573		X	X	BOTT		
BEAUFORT SEA		70	35.00	139	00.00	54	09	13	23	?	1006		X	X	BOTT		
BEAUFORT SEA		69	55.00	138	57.00	54	09	14	06	?	183		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0002
YEAR:1954 VESSEL/AGENCY: BURTON ISLAND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA	2	69	44.00	139	40.00	54	08	08	08	30	32		X	X	BOTT		
BEAUFORT SEA	3	70	44.00	127	00.00	54	08	09	16	197	219		X	X	BOTT		
AMUNDSEN GULF	4	70	52.00	125	00.00	54	08	09	21	254	332		X	X	BOTT		
AMUNDSEN GULF	5	71	00.00	123	05.00	54	08	10	05	92	117		X	X	BOTT		
AMUNDSEN GULF	6	70	57.00	123	10.00	54	08	10	06	97	195		X	X	BOTT		
AMUNDSEN GULF	45	71	36.00	119	50.00	54	09	06	18	97	195		X	X	BOTT		
AMUNDSEN GULF	46	70	37.00	121	26.00	54	09	07	01	449	453		X	X	BOTT		
AMUNDSEN GULF	47	71	15.00	125	22.00	54	09	07	11	232	303		X	X	BOTT		
BEAUFORT SEA	48	73	48.00	126	06.00	54	09	10	09	50	58		X	X	BOTT		
BEAUFORT SEA	49	73	36.00	125	14.00	54	09	10	14	25	25		X	X	BOTT		
BEAUFORT SEA	50	73	31.00	126	21.00	54	09	10	17	80	82		X	X	BOTT		
BEAUFORT SEA	51	72	57.00	125	18.00	54	09	11	05	15	16		X	X	BOTT		
BEAUFORT SEA	52	72	57.00	126	27.00	54	09	11	08	69	69		X	X	BOTT		
BEAUFORT SEA	53	72	57.00	127	36.00	54	09	11	10	140	153		X	X	BOTT		
BEAUFORT SEA	54	72	57.00	129	00.00	54	09	11	12	329	334		X	X	BOTT		
BEAUFORT SEA	55	72	57.00	129	55.00	54	09	11	15	571	640		X	X	BOTT		
BEAUFORT SEA	56	72	45.00	127	14.00	54	09	11	19	86	91		X	X	BOTT		
BEAUFORT SEA	57	72	23.00	126	36.00	54	09	11	22	20	22		X	X	BOTT		
BEAUFORT SEA	58	72	00.00	126	07.00	54	09	12	01	25	30		X	X	BOTT		
BEAUFORT SEA	59	71	39.00	126	42.00	54	09	12	07	419	448		X	X	BOTT		
BEAUFORT SEA	60	71	16.00	127	12.00	54	09	12	10	296	298		X	X	BOTT		
BEAUFORT SEA	61	70	53.00	127	48.00	54	09	12	12	110	140		X	X	BOTT		
BEAUFORT SEA	62	70	41.00	128	08.00	54	09	12	14	15	16		X	X	BOTT		
BEAUFORT SEA	63	70	10.00	132	00.00	54	09	12	22	20	23		X	X	BOTT		
BEAUFORT SEA	64	70	38.00	132	00.00	54	09	13	00	37	38		X	X	BOTT		
BEAUFORT SEA	65	70	59.00	134	42.00	54	09	13	08	354	365		X	X	BOTT		
BEAUFORT SEA	66	70	33.00	134	46.00	54	09	13	11	24	55		X	X	BOTT		
BEAUFORT SEA	67	70	10.00	134	44.00	54	09	13	13	24	27		X	X	BOTT		
BEAUFORT SEA	68	70	20.00	134	57.00	54	09	13	18	47	54		X	X	BOTT		
BEAUFORT SEA	69	69	45.00	137	03.00	54	09	13	23	2	28		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0003
YEAR:1954 VESSEL/AGENCY: NORTHWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA	1	70	45.00	128	00.00	54	08	09	15	40	53		X	X	BOTT		
BEAUFORT SEA	2	71	22.00	126	31.00	54	08	09	21	400	457		X	X	BOTT		
BEAUFORT SEA	3	71	46.00	125	14.00	54	08	10	02	100	457		X	X	BOTT		
BEAUFORT SEA	4	71	54.00	125	22.00	54	08	10	04	25	33		X	X	BOTT		
BEAUFORT SEA	5	71	57.00	125	55.00	54	08	10	05	10	15		X	X	BOTT		
BEAUFORT SEA	6	74	19.00	125	08.00	54	08	12	22	30	37		X	X	BOTT		
BEAUFORT SEA	7	74	27.00	125	01.00	54	08	14	02	280	298		X	X	BOTT		
AMUNDSEN GULF	25	72	05.00	119	00.00	54	09	05	13	40	44		X	X	BOTT		
AMUNDSEN GULF	26	72	01.00	119	42.00	54	09	06	15	90	104		X	X	BOTT		
AMUNDSEN GULF	27	71	58.00	119	08.00	54	09	06	16	40	50		X	X	BOTT		
AMUNDSEN GULF	28	71	03.00	123	01.00	54	09	07	02	60	101		X	X	BOTT		
AMUNDSEN GULF	29	71	00.00	123	14.00	54	09	07	03	250	271		X	X	BOTT		
AMUNDSEN GULF	30	70	50.00	123	32.00	54	09	07	05	394	466		X	X	BOTT		
AMUNDSEN GULF	31	70	38.00	123	53.00	54	09	07	08	388	472		X	X	BOTT		
AMUNDSEN GULF	32	70	27.00	124	10.00	54	09	07	10	298	326		X	X	BOTT		
BEAUFORT SEA	33	74	26.00	125	01.00	54	09	09	19	40	57		X	X	BOTT		
BEAUFORT SEA	34	74	26.00	125	01.00	54	09	09	22	40	57		X	X	BOTT		
BEAUFORT SEA	35	73	58.00	125	25.00	54	09	10	11	25	38		X	X	BOTT		
BEAUFORT SEA	36	73	48.00	124	53.00	54	09	10	13	20	27		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0001
YEAR:1955 VESSEL/AGENCY: NORTHWIND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
BEAUFORT SEA		69 51.00	138 41.00	55	08	27	?	132	183		X	X	BOTT	
BEAUFORT SEA		70 12.00	138 35.00	55	08	27	?	301	329		X	X	BOTT	
BEAUFORT SEA		69 40.00	140 15.00	55	09	04	?	20	25		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 55-0016
YEAR:1955 VESSEL/AGENCY: BURTON ISLAND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
BEAUFORT SEA	14	71 00.	128 53.	55	08	02	?	?	37		X	X	BOTT	
BEAUFORT SEA	15	71 33.	130 39.	55	08	02	?	?	366		X	X	BOTT	
BEAUFORT SEA	16	72 09.	132 10.	55	08	02	?	?	1829		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 56-0001
YEAR:1956 VESSEL/AGENCY: REQUISITE

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
BEAUFORT SEA		69 46.00	138 13.00	56	07	30	00	150	168		X	X	BOTT	
BEAUFORT SEA		69 56.00	134 03.00	56	07	31	00	10	12		X	X	BOTT	
AMUNDSEN GULF		70 11.00	124 40.00	56	07	31	22	15	18		X	X	BOTT	
AMUNDSEN GULF		69 02.00	115 55.00	56	08	04	03	20	20		X	X	BOTT	
BEAUFORT SEA		69 58.00	139 18.00	56	08	27	21	50	69		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 56-0012
YEAR:1956 VESSEL/AGENCY: AIRCRAFT

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
CANADA BASIN	52	74 12.	134 56.	56	04	14	?	?	?		X	X	?	

BOTTLE/CTD DATA SET NUMBER: 57-0001
YEAR:1957 VESSEL/AGENCY: SPAR

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
AMUNDSEN GULF		70	45.00	125	33.00	57	07	17	?	394	421		X	X	BOTT		
AMUNDSEN GULF		70	03.00	121	49.00	57	07	23	?	350	350		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0002
YEAR:1957 VESSEL/AGENCY: ATKA

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA		71	05.00	128	30.00	57	08	03	?	45	53		X	X	BOTT		
BEAUFORT SEA		71	29.00	128	09.00	57	08	03	?	60	70		X	X	BOTT		
BEAUFORT SEA		71	50.00	130	01.00	57	08	03	?	300	307		X	X	BOTT		
BEAUFORT SEA		69	45.00	138	15.00	57	08	04	?	150	164		X	X	BOTT		
BEAUFORT SEA		70	15.00	136	01.00	57	08	04	?	40	50		X	X	BOTT		
BEAUFORT SEA		71	00.00	128	30.00	57	08	14	20	?	44		X	X	BOTT		
AMUNDSEN GULF		70	10.00	124	46.00	57	08	16	?	30	?		X	X	BOTT		
BEAUFORT SEA		69	46.00	138	14.00	57	08	18	?	150	170		X	X	BOTT		
BEAUFORT SEA		70	15.00	134	00.00	57	08	18	?	40	49		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0001
YEAR:1958 VESSEL/AGENCY: BURTON ISLAND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA	35	70	50.00	129	00.00	58	09	02	11	30	?		X	X	BOTT		
BEAUFORT SEA	36	71	26.00	128	30.00	58	09	02	16	150	177		X	X	BOTT		
BEAUFORT SEA	37	71	55.00	127	30.00	58	09	03	00	150	402		X	X	BOTT		
BEAUFORT SEA	34	70	25.00	134	00.00	58	09	03	14	41	48		X	X	BOTT		
BEAUFORT SEA	33	69	50.00	138	15.00	58	09	03	21	150	172		X	X	BOTT		
BEAUFORT SEA	32	69	55.00	140	58.00	58	09	04	06	40	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0001
YEAR:1959 VESSEL/AGENCY: ICE ISLAND T-3

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
CANADA BASIN	1	72	20.00	130	35.00	59	06	09	22	15	980		X	X	BOTT		
CANADA BASIN	2	72	17.00	130	30.00	59	06	11	01	882	890		X	X	BOTT		
CANADA BASIN	3	72	15.00	130	25.00	59	06	11	23	660	680		X	X	BOTT		
CANADA BASIN	4	72	04.00	130	57.00	59	06	18	00	340	780		X	X	BOTT		
CANADA BASIN	5	71	50.80	132	27.00	59	06	30	19	1374	1480		X	X	BOTT		
CANADA BASIN	8	71	23.00	134	21.00	59	07	05	21	1000	1027		X	X	BOTT		
CANADA BASIN	5A	71	57.30	132	30.00	59	07	09	20	15	1457		X	X	BOTT		
CANADA BASIN	6	71	44.00	132	32.00	59	07	13	21	1372	1400		X	X	BOTT		
CANADA BASIN	6A	71	40.00	133	14.00	59	07	23	22	1265	?		X	X	BOTT		

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
CANADA BASIN	7	71	33.00	133	25.00	59	07	24	21	1275	?		X	X	BOTT		
CANADA BASIN	9	71	26.00	135	30.00	59	08	24	22	1200	1362		X	X	BOTT		
CANADA BASIN	10	71	43.00	136	48.00	59	09	09	22	2058	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0002
YEAR:1959 VESSEL/AGENCY: STATEN ISLAND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA	13A	73	10.00	129	48.00	59	08	10	20	1087	1138	X		X	BOTT		
AMUNDSEN GULF	15A	69	01.00	116	47.00	59	08	25	17	134	163	X		X	BOTT		
AMUNDSEN GULF	16A	69	12.00	116	39.00	59	08	25	19	205	218	X		X	BOTT		
AMUNDSEN GULF	17A	69	19.00	116	30.00	59	08	25	21	215	223	X		X	BOTT		
BEAUFORT SEA	37	71	53.00	127	32.00	59	08	29	04	398	421	X		X	BOTT		
BEAUFORT SEA	36	71	25.00	128	19.00	59	08	29	08	190	198	X		X	BOTT		
BEAUFORT SEA	35	70	50.00	129	00.00	59	08	29	11	35	35	X		X	BOTT		
BEAUFORT SEA	34	70	31.00	133	56.00	59	08	29	20	50	55	X		X	BOTT		
BEAUFORT SEA	22A	70	26.00	131	56.00	59	09	01	23	29	38	X		X	BOTT		
BEAUFORT SEA	23A	70	49.00	132	42.00	59	09	02	02	55	57	X		X	BOTT		
BEAUFORT SEA	24A	71	19.00	133	38.00	59	09	02	06	920	933	X		X	BOTT		
BEAUFORT SEA	25A	71	19.00	136	12.00	59	09	02	14	1200	1200	X		X	BOTT		
BEAUFORT SEA	26A	71	08.00	135	45.00	59	09	02	21	500	555	X		X	BOTT		
BEAUFORT SEA	27A	70	48.00	136	52.00	59	09	03	03	740	850	X		X	BOTT		
BEAUFORT SEA	33	70	02.00	138	09.00	59	09	03	10	180	192	X		X	BOTT		
BEAUFORT SEA	32	69	56.00	140	52.00	59	09	03	14	35	41	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0014
YEAR:1959 VESSEL/AGENCY: AIRCRAFT

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA	922	72	04.0	137	35.0	59	03?			?	?				BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0001
YEAR:1960 VESSEL/AGENCY: BURTON ISLAND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA	11	70	46.00	140	14.00	60	08	16	20	1178	1600	X		X	BOTT		
BEAUFORT SEA	12	71	15.00	139	06.00	60	08	17	04	?	1975	X		X	BOTT		
BEAUFORT SEA	13	71	03.00	138	12.00	60	08	17	12	1744	1829	X		X	BOTT		
BEAUFORT SEA	14	71	14.00	136	45.00	60	08	17	22	1496	1554	X		X	BOTT		
BEAUFORT SEA	15	71	11.00	134	56.00	60	08	18	15	?	914	X		X	BOTT		
BEAUFORT SEA	16	71	27.00	132	50.00	60	08	19	05	1200	1280	X		X	BOTT		
BEAUFORT SEA	17	71	07.00	130	51.00	60	08	19	12	58	63	X		X	BOTT		
BEAUFORT SEA	18	71	55.00	127	33.00	60	08	19	23	200	221	X		X	BOTT		
BEAUFORT SEA	19	71	26.00	128	18.00	60	08	20	03	263	265	X		X	BOTT		
BEAUFORT SEA	20	71	52.00	129	02.00	60	08	20	07	26	26	X		X	BOTT		
BEAUFORT SEA	25	73	43.00	126	41.00	60	09	07	06	105	111	X		X	BOTT		
BEAUFORT SEA	26	74	07.00	126	20.00	60	09	07	22	300	338	X		X	BOTT		
BEAUFORT SEA	27	74	20.00	127	24.00	60	09	08	03	384	384	X		X	BOTT		
BEAUFORT SEA	28	74	23.00	128	36.00	60	09	08	18	375	395	X		X	BOTT		
BEAUFORT SEA	29	74	09.00	131	08.00	60	09	09	07	2600	2642	X		X	BOTT		
CANADA BASIN	30	74	53.00	135	18.00	60	09	10	04	3350	3365	X		X	BOTT		
CANADA BASIN	31	75	12.00	137	24.00	60	09	11	08	3500	3512	X		X	BOTT		
CANADA BASIN	32	74	47.00	134	48.00	60	09	16	07	3306	3383	X		X	BOTT		

BEAUFORT SEA	33	72	43.00	127	29.00	60	09	18	06	175	183	X		X	BOTT		
BEAUFORT SEA	34	71	59.00	127	29.00	60	09	18	11	380	402	X		X	BOTT		
BEAUFORT SEA	35	70	07.00	132	02.00	60	09	18	22	25	28	X		X	BOTT		
BEAUFORT SEA	36	69	56.00	140	14.00	60	09	19	21	48	48	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0002
YEAR:1960 VESSEL/AGENCY: NORTHWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA	13	69	47.50	138	38.00	60	10	20	?	180	183	X		X	BOTT		
BEAUFORT SEA	14	70	06.00	137	25.00	60	10	20	?	58	60	X		X	BOTT		
BEAUFORT SEA	15	70	16.00	135	39.00	60	10	20	?	54	55	X		X	BOTT		
BEAUFORT SEA	16	70	27.00	133	54.00	60	10	21	?	60	60	X		X	BOTT		
BEAUFORT SEA	17	70	31.00	132	42.00	60	10	21	?	30	40	X		X	BOTT		
BEAUFORT SEA	18	69	47.20	138	38.00	60	10	21	?	44	44	X		X	BOTT		
BEAUFORT SEA	19	71	01.00	135	21.00	60	10	21	?	517	564	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0003
YEAR:1960 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MACKENZIE BAY	1005	69	34.30	138	53.90	60	08	01	?	1	2		X	X	BOTT		
MACKENZIE BAY	1005	69	34.30	138	53.90	60	08	02	?	5	?		X	X	BOTT		
MACKENZIE BAY	1010	69	31.20	139	04.50	60	08	03	?	7	9		X	X	BOTT		
MACKENZIE BAY	1013	69	38.00	138	35.00	60	08	06	?	76	91		X	X	BOTT		
MACKENZIE BAY	1020	69	31.90	138	56.30	60	08	10	?	4	4		X	X	BOTT		
MACKENZIE BAY	1024	69	34.00	138	51.00	60	08	11	?	7	8		X	X	BOTT		
MACKENZIE BAY	1036	69	32.00	138	57.00	60	08	25	?	20	36		X	X	BOTT		
MACKENZIE BAY	1045	69	07.00	137	54.00	60	08	31	?	22	22		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0001
YEAR:1961 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
KUGMALLIT BAY	1005	69	43.00	132	33.80	61	07	05	?	2	?		X	X	BOTT		
KUGMALLIT BAY	1008	69	41.00	132	48.00	61	07	06	?	4	?		X	X	BOTT		
KUGMALLIT BAY	1009	69	43.50	132	48.00	61	07	06	18	6	7		X	X	BOTT		
KUGMALLIT BAY	1010	69	39.00	132	48.00	61	07	06	21	4	5		X	X	BOTT		
LIVERPOOL BAY	1011	69	58.00	128	54.50	61	07	09	23	0	0		X	X	BOTT		
LIVERPOOL BAY	1012	69	56.00	128	53.00	61	07	10	10	1	2		X	X	BOTT		
LIVERPOOL BAY	1013	69	58.00	128	54.50	61	07	10	20	0	2		X	X	BOTT		
LIVERPOOL BAY	1015	70	11.00	128	35.00	61	07	10	23	12	12		X	X	BOTT		
LIVERPOOL BAY	1016	70	29.50	128	19.00	61	07	11	09	8	8		X	X	BOTT		
LIVERPOOL BAY	1017	70	23.60	128	49.00	61	07	11	13	12	13		X	X	BOTT		
LIVERPOOL BAY	1018	69	58.70	129	30.00	61	07	12	03	0	2		X	X	BOTT		
LIVERPOOL BAY	1019	69	58.70	129	30.00	61	07	12	09	3	3		X	X	BOTT		
LIVERPOOL BAY	1020	69	58.70	129	30.00	61	07	12	14	0	3		X	X	BOTT		
LIVERPOOL BAY	1021	69	56.00	129	37.00	61	07	13	01	10	11		X	X	BOTT		
LIVERPOOL BAY	1072	69	41.00	130	34.00	61	08	12	00	5	6		X	X	BOTT		
LIVERPOOL BAY	1073	69	45.00	130	24.00	61	08	12	01	7	7		X	X	BOTT		
LIVERPOOL BAY	1074	69	47.50	130	18.00	61	08	14	02	8	9		X	X	BOTT		
LIVERPOOL BAY	1079	69	42.80	132	34.00	61	08	17	19	0	3		X	X	BOTT		
TUK. SHELF	1082	70	13.00	132	36.00	61	08	19	07	28	34		X	X	BOTT		

LIVERPOOL BAY	1083	69	42.80	132	34.00	61	08	20	03	0	3		X	X	BOTT		
KUGMALLIT BAY	1085	69	26.20	133	03.10	61	08	21	23	0	2		X	X	BOTT		
KUGMALLIT BAY	1090	69	24.40	132	58.90	61	08	23	22	20	22		X	X	BOTT		
KUGMALLIT BAY	1092	69	26.30	132	58.50	61	08	24	19	0	3		X	X	BOTT		
KUGMALLIT BAY	1094	69	30.90	133	08.50	61	08	27	21	0	5		X	X	BOTT		
KUGMALLIT BAY	1095	69	27.50	133	00.00	61	08	27	22	5	9		X	X	BOTT		
ESKIMO LAKES	1022	69	37.70	131	02.00	61	07	13	?	2	?			X	BOTT		
ESKIMO LAKES	1023	69	37.70	131	02.00	61	07	14	?	0	?			X	BOTT		
ESKIMO LAKES	1024	69	37.00	131	02.00	61	07	16	?	30	?		X	X	BOTT		
ESKIMO LAKES	1024	69	37.00	131	02.00	61	07	14	?	5	?			X	BOTT		
ESKIMO LAKES	1026	69	35.50	131	02.00	61	07	15	?	55	?		X	X	BOTT		
ESKIMO LAKES	1028	69	35.20	131	10.00	61	07	17	?	18	?		X	X	BOTT		
ESKIMO LAKES	1032	69	35.50	131	10.00	61	07	18	?	30	?		X	X	BOTT		
ESKIMO LAKES	1033	69	34.20	131	22.50	61	07	19	?	9	?			X	BOTT		
ESKIMO LAKES	1035	69	34.20	131	22.50	61	07	19	?	24	?		X	X	BOTT		
ESKIMO LAKES	1036	69	13.30	132	27.80	61	07	27	?	0	?		X	X	BOTT		
ESKIMO LAKES	1036	69	13.30	132	27.80	61	07	21	?	5	?		X	X	BOTT		
ESKIMO LAKES	1036	69	13.30	132	27.80	61	07	24	?	0	?		X	X	BOTT		
ESKIMO LAKES	1039	69	13.30	132	27.80	61	07	22	?	0	?			X	BOTT		
ESKIMO LAKES	1042	69	13.30	132	27.80	61	07	23	?	0	?			X	BOTT		
ESKIMO LAKES	1043	69	08.50	132	30.00	61	07	23	?	10	?			X	BOTT		
ESKIMO LAKES	1045	69	16.00	132	25.00	61	07	25	?	10	?		X	X	BOTT		
ESKIMO LAKES	1049	69	24.50	132	08.00	61	07	30	?	16	?		X	X	BOTT		
ESKIMO LAKES	1050	69	24.50	132	08.00	61	07	31	?	0	?			X	BOTT		
ESKIMO LAKES	1051	69	26.70	132	06.50	61	07	31	?	0	?			X	BOTT		
ESKIMO LAKES	1053	69	15.50	131	58.00	61	08	01	?	10	?		X	X	BOTT		
ESKIMO LAKES	1054	69	15.50	131	58.00	61	08	03	?	4	?			X	BOTT		
ESKIMO LAKES	1057	69	15.70	131	50.50	61	08	03	?	0	?			X	BOTT		
ESKIMO LAKES	1058	69	31.50	131	20.80	61	08	05	?	0	?		X	X	BOTT		
ESKIMO LAKES	1060	69	31.50	131	20.80	61	08	05	?	0	?			X	BOTT		
ESKIMO LAKES	1063	69	21.80	131	15.50	61	08	06	?	18	?		X	X	BOTT		
ESKIMO LAKES	1066	69	21.80	131	15.50	61	08	07	?	18	?		X	X	BOTT		
ESKIMO LAKES	1071	69	25.60	130	54.70	61	08	08	?	20	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0001
YEAR: 1962 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT DEG	MIN	LON DEG	MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
LIVERPOOL BAY	0001	69	49.30	130	19.00	62	07	16	03	15	16		X	X	BOTT		
LIVERPOOL BAY	0001	69	49.30	130	19.00	62	07	19	?	12	?		X	X	BOTT		
LIVERPOOL BAY	0005	69	47.00	130	19.00	62	07	20	?	6	?		X	X	BOTT		
LIVERPOOL BAY		69	37.00	130	19.00	62	07	21	00	?	7		X	X	BOTT		
LIVERPOOL BAY	0009	69	48.00	130	13.00	62	07	25	06	8	9		X	X	BOTT		
LIVERPOOL BAY	0010	69	37.50	131	02.60	62	07	26	?	0	?		X	X	BOTT		
LIVERPOOL BAY	9001	69	50.50	129	07.00	62	07	26	?	0	?			X	BOTT		
LIVERPOOL BAY	9002	69	50.00	128	56.00	62	07	27	?	0	?			X	BOTT		
LIVERPOOL BAY	9004	70	09.50	128	06.10	62	07	28	?	0	?			X	BOTT		
LIVERPOOL BAY	9005	70	31.80	128	21.30	62	07	31	?	0	?			X	BOTT		
LIVERPOOL BAY		69	20.50	130	53.00	62	07	31	18	?	12		X	X	BOTT		
LIVERPOOL BAY	0017	69	45.00	130	32.50	62	08	01	?	7	?		X	X	BOTT		
LIVERPOOL BAY	0016	69	45.00	130	32.50	62	08	02	06	1	3		X	X	BOTT		
LIVERPOOL BAY	0019	69	49.30	130	19.00	62	08	03	?	7	?		X	X	BOTT		
LIVERPOOL BAY	0020	69	47.00	130	24.00	62	08	05	18	11	12		X	X	BOTT		
ESKIMO LAKES	0021	69	25.00	132	08.00	62	08	07	?	8	?		X	X	BOTT		
LIVERPOOL BAY	0022	69	25.00	132	08.00	62	08	08	01	27	30		X	X	BOTT		
ESKIMO LAKES	0025	69	14.00	132	27.00	62	08	09	?	6	?		X	X	BOTT		
ESKIMO LAKES	0026	69	14.00	132	27.00	62	08	09	?	8	?		X	X	BOTT		
LIVERPOOL BAY		69	14.00	132	27.00	62	08	10	18	?	7		X	X	BOTT		
LIVERPOOL BAY	0028	69	49.30	130	19.00	62	08	11	?	7	?		X	X	BOTT		
AMUNDSEN GULF	9006	69	23.12	125	40.50	62	08	11	?	0	?			X	BOTT		
LIVERPOOL BAY	0032	69	48.00	130	19.00	62	08	12	21	9	10		X	X	BOTT		
LIVERPOOL BAY	0033	69	45.80	129	08.00	62	08	13	?	16	?		X	X	BOTT		
AMUNDSEN GULF	9007	69	43.00	124	49.50	62	08	13	?	0	?			X	BOTT		
LIVERPOOL BAY		69	55.80	129	08.00	62	08	13	00	?	18		X	X	BOTT		
LIVERPOOL BAY	0034	70	31.00	128	19.00	62	08	15	22	5	6		X	X	BOTT		
AMUNDSEN GULF	9008	69	22.00	123	41.00	62	08	16	?	0	?			X	BOTT		
LIVERPOOL BAY		70	31.00	128	19.00	62	08	16	22	?	7		X	X	BOTT		
FRANKLIN BAY	0043	70	06.60	125	43.00	62	08	22	03	?	110		X	X	BOTT		
AMUNDSEN GULF	9013	69	31.40	123	11.30	62	08	23	?	0	?			X	BOTT		
DARNLEY BAY		69	21.00	123	42.00	62	08	26	04	?	1		X	X	BOTT		
AMUNDSEN GULF	0051	70	08.20	124	39.00	62	08	29	?	7	?		X	X	BOTT		
FRANKLIN BAY	0049	70	07.00	124	39.00	62	08	29	18	?	13		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0002
YEAR:1962 VESSEL/AGENCY: NRC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM	MEAS		INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	S	T		HR	
KUGMALLIT BAY		69	26.50	132	59.10	62	04	27	19	?	12	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.20	62	04	27	21	?	18	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.40	62	04	27	22	?	22	X		X	BOTT		
KUGMALLIT BAY		69	25.40	132	58.40	62	04	28	00	?	6	X		X	BOTT		
KUGMALLIT BAY		69	25.50	132	58.60	62	04	28	01	?	13	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.20	62	04	28	15	?	18	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.10	62	04	28	17	?	15	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.20	62	04	28	17	?	18	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.10	62	04	28	18	?	15	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.20	62	04	28	18	?	18	X		X	BOTT		
KUGMALLIT BAY		69	23.80	132	59.40	62	04	28	21	?	10	X		X	BOTT		
KUGMALLIT BAY		69	24.30	132	59.50	62	04	28	21	?	15	X		X	BOTT		
KUGMALLIT BAY		69	24.70	132	58.60	62	04	28	22	?	26	X		X	BOTT		
KUGMALLIT BAY		69	24.70	132	58.60	62	04	28	22	?	26	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.20	62	04	28	22	?	18	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.10	62	04	29	01	?	5	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	04	29	15	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	04	29	15	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	04	29	16	?	9	X		X	BOTT		
KUGMALLIT BAY		69	25.90	132	59.80	62	04	29	17	?	9	X		X	BOTT		
KUGMALLIT BAY		69	25.90	132	59.80	62	04	29	17	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.50	132	59.10	62	04	29	17	?	12	X		X	BOTT		
KUGMALLIT BAY		69	25.50	132	58.60	62	04	29	18	?	13	X		X	BOTT		
KUGMALLIT BAY		69	26.30	132	58.60	62	04	29	18	?	5	X		X	BOTT		
KUGMALLIT BAY		69	25.30	132	58.40	62	04	29	19	?	6	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.20	62	04	29	22	?	18	X		X	BOTT		
KUGMALLIT BAY		69	24.30	132	59.50	62	04	29	23	?	15	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.10	62	04	29	23	?	5	X		X	BOTT		
KUGMALLIT BAY		69	24.70	132	58.60	62	04	30	00	?	22	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	04	30	15	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	04	30	16	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	04	30	16	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	04	30	17	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	04	30	17	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	04	30	18	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.80	133	02.00	62	04	30	19	?	3	X		X	BOTT		
KUGMALLIT BAY		69	26.80	133	02.00	62	04	30	19	?	3	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	04	30	19	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	04	30	20	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	04	30	21	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.80	133	02.00	62	04	30	21	?	3	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	04	30	22	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	04	30	22	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	04	30	23	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	05	01	00	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.80	133	02.00	62	05	01	00	?	3	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	05	01	00	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.80	133	02.00	62	05	01	02	?	3	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	05	01	02	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.80	133	02.00	62	05	01	03	?	3	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	05	01	04	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	62	05	01	05	?	17	X		X	BOTT		
KUGMALLIT BAY		69	26.80	133	02.00	62	05	01	05	?	3	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	05	01	05	?	9	X		X	BOTT		
KUGMALLIT BAY		69	24.70	132	58.60	62	05	01	17	?	22	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.10	62	05	01	17	?	5	X		X	BOTT		
KUGMALLIT BAY		69	23.30	132	59.10	62	05	01	19	?	7	X		X	BOTT		
KUGMALLIT BAY		69	23.80	132	59.40	62	05	01	19	?	10	X		X	BOTT		
KUGMALLIT BAY		69	24.70	132	58.60	62	05	01	21	?	22	X		X	BOTT		
KUGMALLIT BAY		69	23.30	132	59.10	62	05	01	22	?	7	X		X	BOTT		
KUGMALLIT BAY		69	26.50	132	59.10	62	05	01	23	?	12	X		X	BOTT		
KUGMALLIT BAY		69	23.30	132	59.10	62	05	02	00	?	7	X		X	BOTT		
KUGMALLIT BAY		69	23.30	132	59.10	62	05	02	00	?	7	X		X	BOTT		
KUGMALLIT BAY		69	26.50	132	59.10	62	05	02	00	?	12	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.10	62	05	02	01	?	5	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	05	02	15	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	05	02	16	?	9	X		X	BOTT		
KUGMALLIT BAY		69	27.80	133	02.40	62	05	02	17	?	5	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	05	02	18	?	9	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.10	62	05	02	19	?	5	X		X	BOTT		
KUGMALLIT BAY		69	26.90	132	59.80	62	05	02	19	?	9	X		X	BOTT		

KUGMALLIT BAY		69 26.90	132 59.80	62	05	02	21	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.80	133 02.40	62	05	02	21	?	5	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	02	22	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.80	133 02.40	62	05	02	22	?	5	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	02	23	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	03	00	?	9	X		X	BOTT	
KUGMALLIT BAY		69 24.90	132 58.10	62	05	03	01	?	5	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	03	01	?	9	X		X	BOTT	
KUGMALLIT BAY		69 23.80	132 58.40	62	05	03	03	?	26	X		X	BOTT	
KUGMALLIT BAY		69 30.80	133 14.50	62	05	03	15	?	6	X		X	BOTT	
KUGMALLIT BAY		69 40.60	133 20.10	62	05	03	17	?	8	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	03	19	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	03	21	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.50	62	05	03	22	?	6	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.70	62	05	03	22	?	7	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.50	62	05	03	23	?	6	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.50	62	05	04	00	?	6	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.70	62	05	04	00	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	133 02.00	62	05	04	00	?	9	X		X	BOTT	
KUGMALLIT BAY		69 24.90	132 58.10	62	05	04	03	?	5	X		X	BOTT	
KUGMALLIT BAY		69 23.80	132 59.30	62	05	04	04	?	10	X		X	BOTT	
KUGMALLIT BAY		69 24.70	132 58.60	62	05	04	04	?	22	X		X	BOTT	
KUGMALLIT BAY		69 25.50	132 58.60	62	05	04	05	?	13	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	04	05	?	9	X		X	BOTT	
KUGMALLIT BAY		69 24.90	132 58.10	62	05	04	18	?	5	X		X	BOTT	
KUGMALLIT BAY		69 23.80	132 59.30	62	05	04	19	?	10	X		X	BOTT	
KUGMALLIT BAY		69 24.70	132 58.60	62	05	04	19	?	22	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	04	20	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	04	23	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	04	23	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	05	00	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	05	00	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	05	00	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	05	01	?	9	X		X	BOTT	
KUGMALLIT BAY		69 26.90	132 59.80	62	05	05	01	?	9	X		X	BOTT	
KUGMALLIT BAY		69 24.90	132 58.10	62	05	05	02	?	5	X		X	BOTT	
KUGMALLIT BAY		69 24.90	132 58.10	62	05	05	16	?	5	X		X	BOTT	
KUGMALLIT BAY		69 21.00	134 11.00	62	05	06	02	?	18	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 62-0003
YEAR:1962 VESSEL/AGENCY: NRC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
KUGMALLIT BAY		69 23.40	132 59.30	62	11	26	18	?	7	X		X	BOTT	
KUGMALLIT BAY		69 23.80	132 59.40	62	11	26	19	?	11	X		X	BOTT	
KUGMALLIT BAY		69 26.60	133 02.20	62	11	26	22	?	10	X		X	BOTT	
KUGMALLIT BAY		69 25.00	132 58.10	62	11	27	00	?	5	X		X	BOTT	
KUGMALLIT BAY		69 24.70	132 58.60	62	11	27	18	?	26	X		X	BOTT	
KUGMALLIT BAY		69 24.90	132 58.60	62	11	27	23	?	20	X		X	BOTT	
KUGMALLIT BAY		69 25.00	132 58.20	62	11	28	00	?	17	X		X	BOTT	
KUGMALLIT BAY		69 26.30	132 57.90	62	11	28	17	?	8	X		X	BOTT	
KUGMALLIT BAY		69 26.00	132 58.80	62	11	28	18	?	21	X		X	BOTT	
KUGMALLIT BAY		69 24.50	132 58.60	62	11	28	22	?	21	X		X	BOTT	
KUGMALLIT BAY		69 24.70	132 58.60	62	11	28	23	?	26	X		X	BOTT	
KUGMALLIT BAY		69 26.00	132 58.10	62	11	29	00	?	2	X		X	BOTT	
KUGMALLIT BAY		69 27.00	132 59.70	62	11	29	18	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.00	132 59.70	62	11	29	19	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.00	132 59.70	62	11	29	21	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.00	132 59.70	62	11	29	22	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.00	132 59.70	62	11	30	01	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.00	132 59.70	62	11	30	04	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.00	132 59.70	62	11	30	05	?	9	X		X	BOTT	
KUGMALLIT BAY		69 27.00	132 59.70	62	11	30	06	?	9	X		X	BOTT	
KUGMALLIT BAY		69 25.00	132 58.20	62	11	30	18	?	17	X		X	BOTT	
KUGMALLIT BAY		69 23.40	132 59.40	62	11	30	19	?	7	X		X	BOTT	
KUGMALLIT BAY		69 24.20	132 58.80	62	11	30	19	?	10	X		X	BOTT	
KUGMALLIT BAY		69 23.80	132 59.40	62	11	30	20	?	5	X		X	BOTT	
KUGMALLIT BAY		69 24.30	132 59.50	62	11	30	20	?	16	X		X	BOTT	
KUGMALLIT BAY		69 23.40	132 59.40	62	11	30	22	?	7	X		X	BOTT	
KUGMALLIT BAY		69 24.50	132 58.60	62	11	30	23	?	21	X		X	BOTT	
KUGMALLIT BAY		69 25.00	132 58.20	62	11	30	23	?	17	X		X	BOTT	
KUGMALLIT BAY		69 26.30	132 57.90	62	12	01	00	?	8	X		X	BOTT	
KUGMALLIT BAY		69 24.70	132 58.60	62	12	01	18	?	26	X		X	BOTT	

KUGMALLIT BAY		69 24.70	132 58.60	62	12	01	23	?	26	X		X	BOTT		
KUGMALLIT BAY		69 23.80	132 59.40	62	12	02	12	?	11	X		X	BOTT		
KUGMALLIT BAY		69 24.50	132 58.60	62	12	02	12	?	21	X		X	BOTT		
KUGMALLIT BAY		69 25.90	132 58.80	62	12	02	12	?	21	X		X	BOTT		
KUGMALLIT BAY		69 26.30	132 57.70	62	12	02	12	?	8	X		X	BOTT		
KUGMALLIT BAY		69 23.40	132 59.30	62	12	03	18	?	8	X		X	BOTT		
KUGMALLIT BAY		69 23.40	132 59.40	62	12	03	19	?	7	X		X	BOTT		
KUGMALLIT BAY		69 24.90	132 58.10	62	12	03	19	?	7	X		X	BOTT		
KUGMALLIT BAY		69 24.50	132 58.60	62	12	03	21	?	21	X		X	BOTT		
KUGMALLIT BAY		69 24.70	132 58.60	62	12	03	22	?	26	X		X	BOTT		
KUGMALLIT BAY		69 24.90	132 58.60	62	12	03	22	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.20	62	12	03	23	?	17	X		X	BOTT		
KUGMALLIT BAY		69 23.40	132 59.40	62	12	04	00	?	7	X		X	BOTT		
KUGMALLIT BAY		69 24.50	132 58.60	62	12	04	00	?	21	X		X	BOTT		
KUGMALLIT BAY		69 24.70	132 58.60	62	12	04	00	?	26	X		X	BOTT		
KUGMALLIT BAY		69 24.90	132 58.60	62	12	04	00	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.10	132 58.60	62	12	04	17	?	7	X		X	BOTT		
KUGMALLIT BAY		69 26.20	132 59.20	62	12	04	17	?	14	X		X	BOTT		
KUGMALLIT BAY		69 26.20	132 59.20	62	12	04	18	?	14	X		X	BOTT		
KUGMALLIT BAY		69 25.10	132 58.60	62	12	04	19	?	7	X		X	BOTT		
KUGMALLIT BAY		69 26.80	133 02.00	62	12	04	20	?	10	X		X	BOTT		
KUGMALLIT BAY		69 25.10	132 58.60	62	12	04	22	?	7	X		X	BOTT		
KUGMALLIT BAY		69 26.20	132 59.20	62	12	04	22	?	14	X		X	BOTT		
KUGMALLIT BAY		69 25.10	132 58.60	62	12	05	00	?	7	X		X	BOTT		
KUGMALLIT BAY		69 26.20	132 58.60	62	12	05	00	?	14	X		X	BOTT		
KUGMALLIT BAY		69 26.80	133 02.00	62	12	05	01	?	10	X		X	BOTT		
KUGMALLIT BAY		69 25.10	132 58.60	62	12	05	03	?	7	X		X	BOTT		
KUGMALLIT BAY		69 26.20	132 59.20	62	12	05	04	?	14	X		X	BOTT		
KUGMALLIT BAY		69 26.80	133 02.00	62	12	05	04	?	10	X		X	BOTT		
KUGMALLIT BAY		69 24.20	132 58.80	62	12	05	17	?	10	X		X	BOTT		
KUGMALLIT BAY		69 24.30	132 59.50	62	12	05	18	?	16	X		X	BOTT		
KUGMALLIT BAY		69 26.00	132 58.80	62	12	05	18	?	21	X		X	BOTT		
KUGMALLIT BAY		69 26.00	132 59.80	62	12	05	19	?	11	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.80	62	12	05	20	?	12	X		X	BOTT		
KUGMALLIT BAY		69 26.90	132 59.60	62	12	05	20	?	5	X		X	BOTT		
KUGMALLIT BAY		69 26.00	132 58.80	62	12	05	21	?	21	X		X	BOTT		
KUGMALLIT BAY		69 24.20	132 58.80	62	12	05	22	?	10	X		X	BOTT		
KUGMALLIT BAY		69 24.30	132 59.50	62	12	05	22	?	16	X		X	BOTT		
KUGMALLIT BAY		69 26.00	132 59.80	62	12	05	22	?	11	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.00	62	12	07	18	?	4	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	62	12	07	18	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	62	12	07	22	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.00	62	12	07	23	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	62	12	07	23	?	6	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	62	12	07	23	?	20	X		X	BOTT		
KUGMALLIT BAY		69 24.70	132 58.60	62	12	08	00	?	26	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	62	12	08	00	?	7	X		X	BOTT		
KUGMALLIT BAY		69 23.80	132 59.40	62	12	08	17	?	11	X		X	BOTT		
KUGMALLIT BAY		69 24.70	132 58.60	62	12	08	19	?	26	X		X	BOTT		
KUGMALLIT BAY		69 26.00	132 58.80	62	12	08	19	?	21	X		X	BOTT		
KUGMALLIT BAY		69 38.20	133 14.30	62	12	09	19	?	4	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0004
YEAR:1962 VESSEL/AGENCY: NRC

AREA	STN	LAT	LON	DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG MIN	DEG MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
KUGMALLIT BAY		69 25.00	132 58.10	62	12	14	20	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	62	12	14	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	62	12	24	21	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	62	12	24	22	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63	01	01	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63	01	01	22	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63	01	10	23	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63	01	11	00	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63	01	18	20	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63	01	18	20	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63	01	27	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63	01	27	23	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63	02	07	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63	02	07	23	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63	02	11	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63	02	11	23	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63	02	24	20	?	20	X		X	BOTT		

KUGMALLIT BAY		69 25.00	132 58.10	63 02 24	21	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63 03 07	20	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63 03 08	00	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63 03 17	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63 03 18	00	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63 03 25	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63 03 25	23	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63 04 03	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63 04 09	21	?	20	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63 04 09	22	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.10	63 05 01	17	?	5	X		X	BOTT		
KUGMALLIT BAY		69 25.00	132 58.40	63 05 01	17	?	20	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0001
YEAR:1963 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 06 21	?	0	?			X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 06 26	?	0	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 06 29	?	4	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 07 02	?	8	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 08.50	124 40.40	63 07 03	?	5	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 08.50	124 40.40	63 07 04	?	6	?		X	X	BOTT		
AMUNDSEN GULF	0002	70 08.60	124 41.50	63 07 05	?	5	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 07 14	?	3	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 07 15	?	2	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 07 16	?	3	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 07.80	124 37.10	63 07 18	?	0	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 07 18	?	2	?		X	X	BOTT		
AMUNDSEN GULF	0003	70 09.70	124 30.80	63 07 19	?	0	?			X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 07 20	?	0	?		X	X	BOTT		
AMUNDSEN GULF	0004	70 06.20	125 09.00	63 07 24	?	30	?		X	X	BOTT		
AMUNDSEN GULF	0005	70 02.50	125 26.00	63 07 25	?	91	?		X	X	BOTT		
AMUNDSEN GULF	0006	70 02.90	126 00.00	63 07 25	?	178	?		X	X	BOTT		
AMUNDSEN GULF	0007	69 23.50	125 40.50	63 07 26	?	10	?		X	X	BOTT		
AMUNDSEN GULF	0007	69 22.90	125 40.50	63 07 30	?	13	?		X	X	BOTT		
AMUNDSEN GULF	0007	69 25.60	125 40.50	63 07 31	?	18	?		X	X	BOTT		
AMUNDSEN GULF	0008	69 25.60	125 48.50	63 08 01	?	0	?			X	BOTT		
AMUNDSEN GULF	0009	69 39.30	125 35.10	63 08 01	?	14	?		X	X	BOTT		
AMUNDSEN GULF	0010	70 02.10	125 22.30	63 08 01	?	45	?		X	X	BOTT		
AMUNDSEN GULF	0004	70 06.00	125 01.50	63 08 02	?	0	?		X	X	BOTT		
AMUNDSEN GULF	0011	70 05.80	126 02.50	63 08 03	?	180	?		X	X	BOTT		
AMUNDSEN GULF	0004	70 07.70	124 55.50	63 08 04	?	31	?		X	X	BOTT		
AMUNDSEN GULF	0012	70 03.90	125 28.50	63 08 04	?	80	?		X	X	BOTT		
AMUNDSEN GULF	0013	70 10.60	124 47.00	63 08 04	?	20	?		X	X	BOTT		
AMUNDSEN GULF	0014	70 17.90	123 55.00	63 08 05	?	166	?		X	X	BOTT		
AMUNDSEN GULF	0015	70 11.40	124 16.70	63 08 07	?	63	?		X	X	BOTT		
AMUNDSEN GULF	0016	70 10.00	124 02.70	63 08 07	?	0	?			X	BOTT		
AMUNDSEN GULF	0017	70 11.00	124 16.80	63 08 07	?	0	?			X	BOTT		
AMUNDSEN GULF	0018	70 09.40	124 30.00	63 08 09	?	27	?		X	X	BOTT		
AMUNDSEN GULF	0019	69 49.70	123 05.50	63 08 12	?	80	?		X	X	BOTT		
AMUNDSEN GULF	0020	69 39.30	123 33.30	63 08 12	?	58	?		X	X	BOTT		
AMUNDSEN GULF	0021	69 22.40	124 27.50	63 08 13	?	7	?		X	X	BOTT		
AMUNDSEN GULF	0022	69 27.00	124 17.00	63 08 13	?	30	?		X	X	BOTT		
AMUNDSEN GULF	0023	70 07.20	125 01.90	63 08 19	?	7	?		X	X	BOTT		
AMUNDSEN GULF	0024	69 55.10	125 56.00	63 08 20	?	160	?		X	X	BOTT		
AMUNDSEN GULF	0025	69 52.00	125 54.00	63 08 20	?	75	?		X	X	BOTT		
AMUNDSEN GULF	0026	69 52.20	125 49.00	63 08 20	?	55	?		X	X	BOTT		
AMUNDSEN GULF	0027	70 04.00	125 10.00	63 08 20	?	125	?		X	X	BOTT		
AMUNDSEN GULF	0028	70 11.50	124 50.00	63 08 20	?	43	?		X	X	BOTT		
AMUNDSEN GULF	0029	70 08.70	124 33.90	63 08 22	?	4	?		X	X	BOTT		
AMUNDSEN GULF	0029	70 08.70	124 33.90	63 08 23	?	4	?		X	X	BOTT		
AMUNDSEN GULF	0028	70 11.50	124 50.00	63 08 24	?	0	?		X	X	BOTT		
AMUNDSEN GULF	0031	70 16.00	125 42.50	63 08 25	?	0	?		X	X	BOTT		
AMUNDSEN GULF	0030	70 07.20	125 03.60	63 08 26	?	13	?		X	X	BOTT		
AMUNDSEN GULF	0032	70 14.30	124 34.40	63 08 28	?	65	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 09 02	?	4	?		X	X	BOTT		
AMUNDSEN GULF	0033	70 10.70	124 30.60	63 09 05	?	0	?		X	X	BOTT		
AMUNDSEN GULF	0034	70 14.00	124 36.50	63 09 05	?	80	?		X	X	BOTT		
AMUNDSEN GULF	0035	70 13.50	124 39.60	63 09 05	?	66	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 08.50	124 40.40	63 09 09	?	7	?		X	X	BOTT		
AMUNDSEN GULF	0001	70 09.02	124 40.02	63 09 09	?	5	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0002
YEAR:1963 VESSEL/AGENCY: NRC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
KUGMALLIT BAY	1	69	23.80	132	59.40	63	05	02	16	?	9	X		X	BOTT	
KUGMALLIT BAY	1	69	25.00	132	58.80	63	05	02	16	?	13	X		X	BOTT	
KUGMALLIT BAY	1	69	25.10	132	58.60	63	05	02	16	?	7	X		X	BOTT	
KUGMALLIT BAY	1	69	26.20	132	59.20	63	05	02	16	?	14	X		X	BOTT	
KUGMALLIT BAY	2	69	25.00	132	58.80	63	05	02	17	?	13	X		X	BOTT	
KUGMALLIT BAY	2	69	25.10	132	58.60	63	05	02	17	?	7	X		X	BOTT	
KUGMALLIT BAY	2	69	23.80	132	59.40	63	05	02	18	?	9	X		X	BOTT	
KUGMALLIT BAY	2	69	26.20	132	59.20	63	05	02	18	?	14	X		X	BOTT	
KUGMALLIT BAY	3	69	23.80	132	59.40	63	05	02	19	?	9	X		X	BOTT	
KUGMALLIT BAY	3	69	25.00	132	58.80	63	05	02	19	?	13	X		X	BOTT	
KUGMALLIT BAY	3	69	25.00	132	59.20	63	05	02	19	?	14	X		X	BOTT	
KUGMALLIT BAY	3	69	25.10	132	58.60	63	05	02	19	?	7	X		X	BOTT	
KUGMALLIT BAY	4	69	25.00	132	58.80	63	05	02	20	?	13	X		X	BOTT	
KUGMALLIT BAY	4	69	26.10	132	58.60	63	05	02	20	?	7	X		X	BOTT	
KUGMALLIT BAY	4	69	26.20	132	59.20	63	05	02	20	?	14	X		X	BOTT	
KUGMALLIT BAY	4	69	23.80	132	59.40	63	05	02	21	?	9	X		X	BOTT	
KUGMALLIT BAY	5	69	26.20	132	59.20	63	05	02	21	?	14	X		X	BOTT	
KUGMALLIT BAY	5	69	23.80	132	59.40	63	05	02	22	?	9	X		X	BOTT	
KUGMALLIT BAY	5	69	25.00	132	58.80	63	05	02	22	?	13	X		X	BOTT	
KUGMALLIT BAY	5	69	25.10	132	58.60	63	05	02	22	?	7	X		X	BOTT	
KUGMALLIT BAY	6	69	25.00	132	58.80	63	05	02	23	?	13	X		X	BOTT	
KUGMALLIT BAY	6	69	25.10	132	58.60	63	05	02	23	?	7	X		X	BOTT	
KUGMALLIT BAY	6	69	23.80	132	59.40	63	05	03	00	?	9	X		X	BOTT	
KUGMALLIT BAY	6	69	26.20	132	59.20	63	05	03	00	?	14	X		X	BOTT	
KUGMALLIT BAY	7	69	23.80	132	59.40	63	05	03	01	?	9	X		X	BOTT	
KUGMALLIT BAY	7	69	25.00	132	58.80	63	05	03	01	?	13	X		X	BOTT	
KUGMALLIT BAY	7	69	25.10	132	58.60	63	05	03	01	?	7	X		X	BOTT	
KUGMALLIT BAY	7	69	26.20	132	59.20	63	05	03	01	?	14	X		X	BOTT	
KUGMALLIT BAY	8	69	25.00	132	58.80	63	05	03	02	?	13	X		X	BOTT	
KUGMALLIT BAY	8	69	25.10	132	58.60	63	05	03	02	?	7	X		X	BOTT	
KUGMALLIT BAY	8	69	23.80	132	59.40	63	05	03	03	?	9	X		X	BOTT	
KUGMALLIT BAY	8	69	26.20	132	59.20	63	05	03	03	?	14	X		X	BOTT	
KUGMALLIT BAY	9	69	23.80	132	59.40	63	05	03	04	?	9	X		X	BOTT	
KUGMALLIT BAY	9	69	25.00	132	58.80	63	05	03	04	?	13	X		X	BOTT	
KUGMALLIT BAY	9	69	25.10	132	58.60	63	05	03	04	?	7	X		X	BOTT	
KUGMALLIT BAY	9	69	26.20	132	59.20	63	05	03	04	?	14	X		X	BOTT	
KUGMALLIT BAY	1	69	26.90	132	59.50	63	05	04	15	?	4	X		X	BOTT	
KUGMALLIT BAY	1	69	26.90	132	59.60	63	05	04	15	?	6	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	04	16	?	3	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	04	17	?	3	X		X	BOTT	
KUGMALLIT BAY	2	69	26.80	132	59.50	63	05	04	17	?	4	X		X	BOTT	
KUGMALLIT BAY	2	69	26.90	132	59.60	63	05	04	17	?	6	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	04	18	?	3	X		X	BOTT	
KUGMALLIT BAY	3	69	26.80	132	59.60	63	05	04	18	?	6	X		X	BOTT	
KUGMALLIT BAY	3	69	26.90	132	59.50	63	05	04	18	?	4	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	04	20	?	3	X		X	BOTT	
KUGMALLIT BAY	4	69	26.80	132	59.50	63	05	04	20	?	4	X		X	BOTT	
KUGMALLIT BAY	4	69	26.80	132	59.60	63	05	04	20	?	6	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	04	21	?	3	X		X	BOTT	
KUGMALLIT BAY	5	69	26.80	132	59.50	63	05	04	21	?	4	X		X	BOTT	
KUGMALLIT BAY	5	69	26.80	132	59.60	63	05	04	21	?	6	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	04	23	?	3	X		X	BOTT	
KUGMALLIT BAY	6	69	26.80	132	58.60	63	05	04	23	?	6	X		X	BOTT	
KUGMALLIT BAY	6	69	26.80	132	59.50	63	05	04	23	?	4	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	05	00	?	3	X		X	BOTT	
KUGMALLIT BAY	7	69	26.80	132	59.50	63	05	05	00	?	4	X		X	BOTT	
KUGMALLIT BAY	7	69	26.80	132	59.60	63	05	05	00	?	6	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	05	02	?	3	X		X	BOTT	
KUGMALLIT BAY	8	69	26.80	132	59.60	63	05	05	02	?	6	X		X	BOTT	
KUGMALLIT BAY	8	69	26.90	132	59.50	63	05	05	02	?	4	X		X	BOTT	
KUGMALLIT BAY	9	69	26.80	132	59.60	63	05	05	03	?	6	X		X	BOTT	
KUGMALLIT BAY	9	69	26.90	132	59.50	63	05	05	03	?	4	X		X	BOTT	
KUGMALLIT BAY		69	26.80	133	02.00	63	05	05	04	?	3	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 63-0003
YEAR:1963 VESSEL/AGENCY: NRC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
KUGMALLIT BAY	1	69	23.40	132	59.50	63	07	26	20	?	10	X		X	BOTT		
KUGMALLIT BAY	2	69	23.80	132	59.50	63	07	26	21	?	10	X		X	BOTT		
KUGMALLIT BAY	3	69	24.10	132	58.90	63	07	26	22	?	13	X		X	BOTT		
KUGMALLIT BAY	4	69	24.30	132	59.50	63	07	26	23	?	13	X		X	BOTT		
KUGMALLIT BAY	5	69	24.50	132	58.70	63	07	27	00	?	25	X		X	BOTT		
KUGMALLIT BAY	6	69	24.70	132	58.60	63	07	27	01	?	27	X		X	BOTT		
KUGMALLIT BAY	7	69	24.90	132	58.50	63	07	27	02	?	21	X		X	BOTT		
KUGMALLIT BAY	8	69	25.00	132	58.20	63	07	27	02	?	17	X		X	BOTT		
KUGMALLIT BAY	9	69	26.60	133	02.20	63	07	27	16	?	11	X		X	BOTT		
KUGMALLIT BAY		69	26.00	132	58.70	63	07	27	17	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.40	132	57.90	63	07	27	17	?	5	X		X	BOTT		
KUGMALLIT BAY		69	26.50	132	59.30	63	07	27	17	?	13	X		X	BOTT		
KUGMALLIT BAY		69	26.00	132	59.80	63	07	27	18	?	10	X		X	BOTT		
KUGMALLIT BAY		69	25.50	132	58.70	63	07	27	20	?	22	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.10	63	07	28	02	?	5	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.10	63	07	28	02	?	16	X		X	BOTT		
KUGMALLIT BAY		69	27.00	132	59.60	63	07	29	00	?	4	X		X	BOTT		
KUGMALLIT BAY		69	27.10	133	00.20	63	07	29	01	?	9	X		X	BOTT		
KUGMALLIT BAY		69	28.10	133	02.90	63	07	29	01	?	4	X		X	BOTT		
KUGMALLIT BAY		69	30.80	133	08.60	63	07	29	02	?	4	X		X	BOTT		
KUGMALLIT BAY		69	34.60	133	10.40	63	07	29	02	?	4	X		X	BOTT		
KUGMALLIT BAY		69	38.70	133	12.50	63	07	29	03	?	5	X		X	BOTT		
KUGMALLIT BAY		69	24.70	132	58.60	63	08	15	23	?	27	X		X	BOTT		
KUGMALLIT BAY		69	38.70	133	12.50	63	09	13	21	?	6	X		X	BOTT		
KUGMALLIT BAY		69	34.60	133	10.40	63	09	13	22	?	4	X		X	BOTT		
KUGMALLIT BAY		69	28.00	133	02.90	63	09	13	23	?	4	X		X	BOTT		
KUGMALLIT BAY		69	30.80	133	08.60	63	09	13	23	?	4	X		X	BOTT		
KUGMALLIT BAY		69	27.10	133	00.20	63	09	14	00	?	9	X		X	BOTT		
KUGMALLIT BAY		69	27.00	132	59.60	63	09	14	01	?	4	X		X	BOTT		
KUGMALLIT BAY		69	26.60	133	02.20	63	09	14	20	?	11	X		X	BOTT		
KUGMALLIT BAY		69	26.50	132	59.30	63	09	14	21	?	14	X		X	BOTT		
KUGMALLIT BAY		69	26.00	132	58.70	63	09	15	15	?	9	X		X	BOTT		
KUGMALLIT BAY		69	26.40	132	57.90	63	09	15	15	?	5	X		X	BOTT		
KUGMALLIT BAY		69	25.60	132	58.80	63	09	15	16	?	22	X		X	BOTT		
KUGMALLIT BAY		69	26.00	132	59.80	63	09	15	16	?	10	X		X	BOTT		
KUGMALLIT BAY		69	24.90	132	58.50	63	09	15	17	?	20	X		X	BOTT		
KUGMALLIT BAY		69	24.70	132	58.60	63	09	15	18	?	27	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.20	63	09	15	18	?	17	X		X	BOTT		
KUGMALLIT BAY		69	24.50	132	58.70	63	09	15	21	?	25	X		X	BOTT		
KUGMALLIT BAY		69	24.10	132	58.90	63	09	15	22	?	13	X		X	BOTT		
KUGMALLIT BAY		69	24.30	132	59.50	63	09	15	22	?	13	X		X	BOTT		
KUGMALLIT BAY		69	23.40	132	59.40	63	09	15	23	?	10	X		X	BOTT		
KUGMALLIT BAY		69	23.80	132	59.50	63	09	15	23	?	10	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.10	63	09	16	15	?	12	X		X	BOTT		
KUGMALLIT BAY		69	25.00	132	58.10	63	09	16	16	?	5	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0001
YEAR:1964 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
AMUNDSEN GULF	0001	70	08.95	124	39.90	64	07	04	?	6	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.82	124	39.80	64	07	05	?	9	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	40.20	64	07	10	?	3	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.87	124	40.00	64	07	25	?	9	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.97	124	40.18	64	07	29	?	2	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.97	124	40.18	64	07	29	?	11	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.97	124	40.18	64	07	31	?	0	?			X	BOTT		
AMUNDSEN GULF	0001	70	08.10	124	39.60	64	08	05	?	4	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	39.90	64	08	05	?	3	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	39.90	64	08	05	?	6	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	40.20	64	08	05	?	2	?		X	X	BOTT		

AMUNDSEN GULF	0001	70	08.95	124	40.20	64	08	06	?	0	?			X	BOTT		
AMUNDSEN GULF	0001	70	08.10	124	39.60	64	08	08	?	0	?			X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	39.90	64	08	08	?	0	?			X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	40.20	64	08	08	?	0	?			X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	40.20	64	08	09	?	0	?			X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	39.90	64	08	10	?	8	?		X	X	BOTT		
AMUNDSEN GULF	0001	70	08.95	124	40.20	64	08	13	?	4	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0002
YEAR:1964 VESSEL/AGENCY: NORTHWIND

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	MEAS S	T		HR	
TUK. SHELF	17	70	09.00	132	16.00	64	08	19	?	18	20	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0011
YEAR:1966 VESSEL/AGENCY: INUVIK RES. LAB.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	MEAS S	T		HR	
ESKIMO LAKES		68	46.	133	20.	66	11	11	?	0	33		X	X	BOTT		
ESKIMO LAKES		68	46.	133	20.	66	11	17	?	0	33			X	BOTT		
ESKIMO LAKES		68	46.	133	20.	66	12	09	?	0	33			X	BOTT		
ESKIMO LAKES		68	46.	133	20.	66	12	12	?	0	33			X	BOTT		
ESKIMO LAKES		68	46.	133	20.	66	12	14	?	0	33			X	BOTT		
ESKIMO LAKES		68	46.	133	20.	66	12	23	?	0	33			X	BOTT		
ESKIMO LAKES		68	46.	133	20.	66	12	30	?	0	33			X	BOTT		
ESKIMO LAKES		68	46.	133	20.	67	01	04	?	0	33			X	BOTT		
ESKIMO LAKES		68	46.	133	20.	67	01	13	?	33	33	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0001
YEAR:1969 VESSEL/AGENCY: STATEN ISLAND

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	MEAS S	T		HR	
BEAUFORT SEA		71	19.50	137	39.50	69	08	08	15	?	1784	X		X	BOTT		
BEAUFORT SEA		70	05.50	136	38.00	69	08	09	18	?	34	X		X	BOTT		
BEAUFORT SEA		70	01.00	139	00.00	69	08	10	05	?	184	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0001
YEAR: 1970 VESSEL/AGENCY: AIDJEX PILOT

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	S	T		HR	
BEAUFORT SEA		72	19.60	136	16.20	70	03	24	20	498	?	X		X	BOTT		
BEAUFORT SEA		72	24.40	136	17.10	70	03	24	21	500	?	X		X	BOTT		
BEAUFORT SEA		72	19.30	136	17.90	70	03	24	23	350	?	X		X	BOTT		
BEAUFORT SEA		72	27.90	136	44.00	70	03	26	17	500	?	X		X	BOTT		
BEAUFORT SEA		72	34.10	136	45.10	70	03	26	17	500	?	X		X	BOTT		
BEAUFORT SEA		72	28.50	136	46.00	70	03	26	20	500	?	X		X	BOTT		
BEAUFORT SEA		72	29.00	136	47.00	70	03	26	23	500	?	X		X	BOTT		
BEAUFORT SEA		72	33.20	136	46.90	70	03	26	23	500	?	X		X	BOTT		
BEAUFORT SEA		72	28.00	136	50.90	70	03	27	17	500	?	X		X	BOTT		
BEAUFORT SEA		72	29.90	136	50.00	70	03	27	17	500	?	X		X	BOTT		
BEAUFORT SEA		72	27.50	136	50.90	70	03	27	20	500	?	X		X	BOTT		
BEAUFORT SEA		72	31.10	136	50.50	70	03	27	20	500	?	X		X	BOTT		
BEAUFORT SEA		72	27.00	136	50.90	70	03	27	23	500	?	X		X	BOTT		
BEAUFORT SEA		72	31.30	136	51.00	70	03	27	23	500	?	X		X	BOTT		
BEAUFORT SEA		72	22.80	136	47.10	70	03	29	17	500	?	X		X	BOTT		
BEAUFORT SEA		72	28.20	136	48.00	70	03	29	17	500	?	X		X	BOTT		
BEAUFORT SEA		72	27.90	136	47.60	70	03	29	20	500	?	X		X	BOTT		
BEAUFORT SEA	500	72	22.70	136	47.10	70	03	29	20	500	?	X		X	BOTT		
BEAUFORT SEA		72	22.60	136	47.10	70	03	29	23	500	?	X		X	BOTT		
BEAUFORT SEA		72	27.50	136	47.20	70	03	29	23	500	?	X		X	BOTT		
BEAUFORT SEA		72	23.30	136	54.20	70	03	30	17	500	?	X		X	BOTT		
BEAUFORT SEA		72	27.50	136	53.30	70	03	30	17	500	?	X		X	BOTT		
BEAUFORT SEA		72	23.50	136	57.00	70	03	30	20	500	?	X		X	BOTT		
BEAUFORT SEA		72	24.20	137	04.20	70	03	30	20	500	?	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0002
YEAR: 1970 VESSEL/AGENCY: HUDSON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	S	T		HR	
BEAUFORT SEA		70	08.40	139	15.90	70	08	28	19	?	210	X		X	BOTT		
BEAUFORT SEA		70	37.00	139	29.00	70	08	30	19	?	1426	X		X	BOTT		
BEAUFORT SEA		70	22.00	139	42.00	70	08	30	23	?	509	X		X	BOTT		
BEAUFORT SEA		70	10.30	139	52.60	70	08	31	00	?	62	X		X	BOTT		
BEAUFORT SEA		69	59.30	140	15.70	70	08	31	02	?	54	X		X	BOTT		
BEAUFORT SEA		69	42.00	140	38.00	70	08	31	04	?	26	X		X	BOTT		
BEAUFORT SEA		70	41.30	134	41.50	70	09	06	16	?	58	X		X	BOTT		
BEAUFORT SEA		70	26.50	134	17.50	70	09	06	18	?	62	X		X	BOTT		
BEAUFORT SEA		70	17.00	134	00.00	70	09	06	19	?	45	X		X	BOTT		
BEAUFORT SEA		70	57.40	135	03.40	70	09	07	23	?	468	X		X	BOTT		
BEAUFORT SEA		70	52.40	134	57.00	70	09	08	01	?	140	X		X	BOTT		
BEAUFORT SEA		70	46.50	134	50.00	70	09	08	02	?	73	X		X	BOTT		
BEAUFORT SEA		70	38.70	129	39.40	70	09	12	22	?	21	X		X	BOTT		
BEAUFORT SEA		71	26.80	130	53.90	70	09	14	15	?	313	X		X	BOTT		
BEAUFORT SEA		71	16.60	130	37.60	70	09	14	17	?	62	X		X	BOTT		
BEAUFORT SEA		71	07.00	130	17.80	70	09	14	19	?	44	X		X	BOTT		
BEAUFORT SEA		70	56.80	130	03.60	70	09	14	21	?	38	X		X	BOTT		
BEAUFORT SEA		70	50.00	129	52.00	70	09	14	22	?	32	X		X	BOTT		
BEAUFORT SEA		69	56.50	134	33.00	70	09	18	15	?	15	X		X	BOTT		
BEAUFORT SEA		69	51.00	135	20.00	70	09	19	08	?	17	X		X	BOTT		
BEAUFORT SEA		71	15.80	127	57.60	70	09	23	13	?	106	X		X	BOTT		
PR. WALES STR.		71	02.00	125	44.00	70	09	23	18	?	410	X		X	BOTT		
PR. WALES STR.		70	49.80	123	30.50	70	09	24	05	?	523	X		X	BOTT		
PR. WALES STR.		71	20.00	119	24.00	70	09	24	15	?	137	X		X	BOTT		
BEAUFORT SEA		71	59.00	119	30.00	70	09	24	19	?	118	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0003
YEAR:1970 VESSEL/AGENCY: RICHARDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
KUGMALLIT BAY		69	30.50	133	05.30	70	07	15	21	?	?	X		X	BOTT	
KUGMALLIT BAY		69	30.60	133	10.90	70	07	15	22	4	?	X		X	BOTT	
KUGMALLIT BAY		69	30.80	133	16.20	70	07	15	22	4	?	X		X	BOTT	
KUGMALLIT BAY		69	32.20	133	16.50	70	07	15	23	3	?	X		X	BOTT	
KUGMALLIT BAY		69	33.50	133	11.10	70	07	16	00	3	?	X		X	BOTT	
KUGMALLIT BAY		69	34.60	133	02.90	70	07	16	00	4	?	X		X	BOTT	
KUGMALLIT BAY		69	36.00	133	08.50	70	07	16	01	3	?	X		X	BOTT	
KUGMALLIT BAY		69	37.50	133	14.60	70	07	16	01	4	?	X		X	BOTT	
KUGMALLIT BAY		69	38.60	133	07.10	70	07	16	02	4	?	X		X	BOTT	
KUGMALLIT BAY		69	39.50	133	40.00	70	07	17	23	5	?	X		X	BOTT	
KUGMALLIT BAY		69	44.20	133	03.20	70	07	19	17	6	?	X		X	BOTT	
KUGMALLIT BAY		69	42.20	132	55.40	70	07	19	18	5	?	X		X	BOTT	
KUGMALLIT BAY		69	44.40	132	41.50	70	07	19	18	6	?	X		X	BOTT	
KUGMALLIT BAY		69	45.20	132	37.40	70	07	19	19	6	?	X		X	BOTT	
KUGMALLIT BAY		69	48.60	132	34.90	70	07	19	20	9	?	X		X	BOTT	
KUGMALLIT BAY		69	51.70	132	35.90	70	07	19	20	14	?	X		X	BOTT	
KUGMALLIT BAY		69	52.70	132	54.70	70	07	19	21	12	?	X		X	BOTT	
KUGMALLIT BAY		69	51.50	133	10.10	70	07	19	22	?	?	X		X	BOTT	
KUGMALLIT BAY		69	47.70	133	05.20	70	07	19	23	10	?	X		X	BOTT	
KUGMALLIT BAY		69	42.20	133	03.60	70	07	20	00	7	?	X		X	BOTT	
KUGMALLIT BAY		69	45.00	133	03.60	70	07	20	00	9	?	X		X	BOTT	
KUGMALLIT BAY		69	34.80	133	11.50	70	07	22	15	6	?	X		X	BOTT	
KUGMALLIT BAY		69	31.90	133	07.20	70	07	23	15	3	?	X		X	BOTT	
KUGMALLIT BAY		69	33.50	133	03.00	70	07	23	17	5	?	X		X	BOTT	
KUGMALLIT BAY		69	47.30	133	44.50	70	07	24	17	7	?	X		X	BOTT	
KUGMALLIT BAY		69	41.50	133	37.50	70	07	24	18	9	?	X		X	BOTT	
KUGMALLIT BAY		69	44.70	133	34.50	70	07	24	18	?	?	[illegible]		[illegible]	[illegible]	
KUGMALLIT BAY		69	52.20	133	35.70	70	07	24	19	?	?	X		X	BOTT	
KUGMALLIT BAY		69	43.00	134	02.00	70	07	24	20	?	?	X		X	BOTT	
KUGMALLIT BAY		69	47.40	134	04.00	70	07	24	21	15	?	X		X	BOTT	
KUGMALLIT BAY		69	51.20	134	06.40	70	07	24	22	10	?	X		X	BOTT	
KUGMALLIT BAY		69	54.60	134	08.40	70	07	24	22	7	?	X		X	BOTT	
KUGMALLIT BAY		69	58.50	134	10.60	70	07	24	23	4	?	X		X	BOTT	
KUGMALLIT BAY		69	51.70	134	22.70	70	07	25	00	3	?	X		X	BOTT	
KUGMALLIT BAY		69	49.60	134	20.10	70	07	27	16	?	?	X		X	BOTT	
KUGMALLIT BAY		69	49.30	134	31.50	70	07	27	19	?	?	X		X	BOTT	
KUGMALLIT BAY		69	51.40	134	42.00	70	07	27	23	5	?	X		X	BOTT	
KUGMALLIT BAY		69	48.40	134	40.90	70	07	28	00	9	?	X		X	BOTT	
KUGMALLIT BAY		69	48.40	134	40.90	70	08	23	20	?	?	X		X	BOTT	
KUGMALLIT BAY		69	47.40	134	04.70	70	08	25	15	?	?	X		X	BOTT	
KUGMALLIT BAY		69	50.00	134	09.90	70	08	25	16	?	?	X		X	BOTT	
KUGMALLIT BAY		69	51.30	134	12.80	70	08	25	17	?	?	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 71-0001
YEAR:1971 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
KUGMALLIT BAY	501	69	24.40	132	58.90	71	07	18	03	24	24	X		X	BOTT	
TUK. SHELF	502	69	49.30	132	41.50	71	07	19	00	8	10	X		X	BOTT	
TUK. SHELF	503	69	58.40	132	57.00	71	07	19	06	17	19	X		X	BOTT	
TUK. SHELF	504	70	16.00	131	40.00	71	07	19	14	36	38	X		X	BOTT	
TUK. SHELF	505	70	13.20	131	06.00	71	07	19	20	15	17	X		X	BOTT	
LIVERPOOL BAY	506	69	59.40	129	13.20	71	07	20	21	11	13	X		X	BOTT	
MACKENZIE BAY	01	69	49.30	132	41.50	71	07	18	?	0	?			X	BOTT	
ESKIMO LAKES	01	69	33.00	131	07.30	71	07	23	?	11	?		X	X	BOTT	
ESKIMO LAKES	03	69	34.60	131	12.60	71	07	23	?	3	?		X	X	BOTT	
ESKIMO LAKES	01	69	33.50	131	29.00	71	07	24	?	7	?		X	X	BOTT	
ESKIMO LAKES	02	69	31.20	131	34.50	71	07	25	?	75	?		X	X	BOTT	
ESKIMO LAKES	02	69	31.40	131	10.40	71	07	26	?	27	?		X	X	BOTT	
ESKIMO LAKES	03	69	27.80	131	06.40	71	07	26	?	28	?		X	X	BOTT	
ESKIMO LAKES	01	69	19.50	130	54.50	71	07	29	?	6	?		X	X	BOTT	

LIVERPOOL BAY	01	69	49.20	130	20.00	71	07	30	?	15	?		X	X	BOTT
LIVERPOOL BAY	04	69	46.50	130	19.00	71	07	30	?	10	?		X		BOTT
ESKIMO LAKES	01	69	25.60	130	55.00	71	08	02	?	15	?		X	X	BOTT
ESKIMO LAKES	07	69	25.60	130	55.00	71	08	04	?	47	?		X	X	BOTT
LIVERPOOL BAY	04	69	43.70	130	22.00	71	08	06	?	10	?		X	X	BOTT
LIVERPOOL BAY	02	69	50.70	129	36.10	71	08	07	?	13	?		X	X	BOTT
LIVERPOOL BAY	05	69	56.70	129	42.30	71	08	07	?	6	?		X	X	BOTT
LIVERPOOL BAY	02	69	49.20	130	20.00	71	08	09	?	15	?		X	X	BOTT
LIVERPOOL BAY	03	69	40.80	130	35.00	71	08	09	?	1	?		X	X	BOTT
LIVERPOOL BAY	06	69	43.80	130	27.90	71	08	09	?	8	?		X	X	BOTT
LIVERPOOL BAY	04	69	24.42	130	55.42	71	08	16	?	23	?		X	X	BOTT
ESKIMO LAKES	04	69	25.60	130	55.00	71	09	01	?	50	?		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 71-0003
YEAR:1971 VESSEL/AGENCY: AIDJEX

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA		73	59.30	131	25.60	71	03	18	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	06.30	131	20.60	71	03	18	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	08.30	132	20.60	71	03	18	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	59.20	131	27.00	71	03	18	19	500	?	X		X	BOTT		
BEAUFORT SEA		74	06.20	131	22.00	71	03	18	19	500	?	X		X	BOTT		
BEAUFORT SEA		74	08.20	132	22.00	71	03	18	19	500	?	X		X	BOTT		
BEAUFORT SEA		74	00.30	131	27.20	71	03	19	00	500	?	X		X	BOTT		
BEAUFORT SEA		74	07.30	131	22.20	71	03	19	00	500	?	X		X	BOTT		
BEAUFORT SEA		74	09.30	132	22.20	71	03	19	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	59.20	131	29.40	71	03	19	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	06.20	131	24.40	71	03	19	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	08.20	132	24.40	71	03	19	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	00.20	131	28.90	71	03	19	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	07.20	131	23.90	71	03	19	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	09.20	132	23.90	71	03	19	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	00.10	131	28.80	71	03	19	19	500	?	X		X	BOTT		
BEAUFORT SEA		74	07.10	131	23.80	71	03	19	19	500	?	X		X	BOTT		
BEAUFORT SEA		74	09.10	132	23.80	71	03	19	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	57.00	131	31.50	71	03	20	00	500	?	X		X	BOTT		
BEAUFORT SEA		74	04.00	131	26.50	71	03	20	00	500	?	X		X	BOTT		
BEAUFORT SEA		74	06.00	132	26.50	71	03	20	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	57.60	131	30.30	71	03	20	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	04.60	131	25.30	71	03	20	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	06.60	132	25.30	71	03	20	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	05.10	131	23.10	71	03	20	10	500	?	X		X	BOTT		
BEAUFORT SEA		73	57.40	131	29.10	71	03	20	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	04.40	131	24.10	71	03	20	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	06.40	132	24.10	71	03	20	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	58.10	131	28.10	71	03	20	19	500	?	X		X	BOTT		
BEAUFORT SEA		74	07.10	132	23.10	71	03	20	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	57.90	131	27.10	71	03	21	00	500	?	X		X	BOTT		
BEAUFORT SEA		74	04.90	131	22.10	71	03	21	00	500	?	X		X	BOTT		
BEAUFORT SEA		74	06.90	132	22.10	71	03	21	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	55.90	131	28.20	71	03	21	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	02.90	131	23.20	71	03	21	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	04.90	132	23.20	71	03	21	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	55.90	131	24.80	71	03	21	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	02.90	131	19.80	71	03	21	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	04.90	132	19.80	71	03	21	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	55.40	131	23.50	71	03	21	19	500	?	X		X	BOTT		
BEAUFORT SEA		74	02.40	131	18.50	71	03	21	19	500	?	X		X	BOTT		
BEAUFORT SEA		74	04.40	132	18.50	71	03	21	19	220	?	X		X	BOTT		
BEAUFORT SEA		73	53.70	131	23.30	71	03	22	00	500	?	X		X	BOTT		
BEAUFORT SEA		74	00.70	131	18.30	71	03	22	00	500	?	X		X	BOTT		
BEAUFORT SEA		74	02.70	132	18.30	71	03	22	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	52.60	131	23.50	71	03	22	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	59.60	131	18.50	71	03	22	05	500	?	X		X	BOTT		
BEAUFORT SEA		74	01.60	132	18.50	71	03	22	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	51.00	131	25.10	71	03	22	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	58.00	131	20.10	71	03	22	14	500	?	X		X	BOTT		
BEAUFORT SEA		74	00.00	132	20.10	71	03	22	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	50.40	131	25.80	71	03	22	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	57.40	131	20.80	71	03	22	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	59.40	132	20.80	71	03	22	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	49.40	131	28.00	71	03	23	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	56.40	131	23.00	71	03	23	00	500	?	X		X	BOTT		

BEAUFORT SEA	73	58.40	132	23.00	71	03	23	00	500	?	X	X	BOTT
BEAUFORT SEA	73	46.80	131	31.60	71	03	23	05	500	?	X	X	BOTT
BEAUFORT SEA	73	53.80	131	26.60	71	03	23	05	500	?	X	X	BOTT
BEAUFORT SEA	73	55.80	132	26.60	71	03	23	05	500	?	X	X	BOTT
BEAUFORT SEA	73	46.00	131	31.90	71	03	23	14	500	?	X	X	BOTT
BEAUFORT SEA	73	53.00	131	26.90	71	03	23	14	500	?	X	X	BOTT
BEAUFORT SEA	73	55.00	132	26.90	71	03	23	14	500	?	X	X	BOTT
BEAUFORT SEA	73	44.90	131	32.00	71	03	23	19	500	?	X	X	BOTT
BEAUFORT SEA	73	51.90	131	27.00	71	03	23	19	500	?	X	X	BOTT
BEAUFORT SEA	73	53.90	132	27.00	71	03	23	19	500	?	X	X	BOTT
BEAUFORT SEA	73	45.70	131	30.00	71	03	24	00	500	?	X	X	BOTT
BEAUFORT SEA	73	52.70	131	25.00	71	03	24	00	500	?	X	X	BOTT
BEAUFORT SEA	73	54.70	132	25.00	71	03	24	00	500	?	X	X	BOTT
BEAUFORT SEA	73	43.40	131	31.80	71	03	24	05	500	?	X	X	BOTT
BEAUFORT SEA	73	50.40	131	26.80	71	03	24	05	500	?	X	X	BOTT
BEAUFORT SEA	73	52.40	132	26.80	71	03	24	05	500	?	X	X	BOTT
BEAUFORT SEA	73	43.40	131	28.00	71	03	24	14	500	?	X	X	BOTT
BEAUFORT SEA	73	50.40	131	23.00	71	03	24	14	500	?	X	X	BOTT
BEAUFORT SEA	73	52.40	132	23.00	71	03	24	14	500	?	X	X	BOTT
BEAUFORT SEA	73	42.70	131	25.10	71	03	24	19	500	?	X	X	BOTT
BEAUFORT SEA	73	49.70	131	20.10	71	03	24	19	500	?	X	X	BOTT
BEAUFORT SEA	73	51.70	132	20.10	71	03	24	19	500	?	X	X	BOTT
BEAUFORT SEA	73	41.70	131	21.30	71	03	25	00	500	?	X	X	BOTT
BEAUFORT SEA	73	48.70	131	16.30	71	03	25	00	500	?	X	X	BOTT
BEAUFORT SEA	73	50.70	132	16.30	71	03	25	00	500	?	X	X	BOTT
BEAUFORT SEA	73	41.30	131	20.70	71	03	25	05	500	?	X	X	BOTT
BEAUFORT SEA	73	48.30	131	15.70	71	03	25	05	500	?	X	X	BOTT
BEAUFORT SEA	73	50.30	132	15.70	71	03	25	05	500	?	X	X	BOTT
BEAUFORT SEA	73	41.20	131	20.80	71	03	25	14	500	?	X	X	BOTT
BEAUFORT SEA	73	48.20	131	15.80	71	03	25	14	500	?	X	X	BOTT
BEAUFORT SEA	73	50.20	132	15.80	71	03	25	14	500	?	X	X	BOTT
BEAUFORT SEA	73	41.70	131	20.30	71	03	25	19	500	?	X	X	BOTT
BEAUFORT SEA	73	48.70	131	15.30	71	03	25	19	500	?	X	X	BOTT
BEAUFORT SEA	73	50.70	132	15.30	71	03	25	19	500	?	X	X	BOTT
BEAUFORT SEA	73	42.20	131	19.70	71	03	26	00	500	?	X	X	BOTT
BEAUFORT SEA	73	49.20	131	14.70	71	03	26	00	500	?	X	X	BOTT
BEAUFORT SEA	73	51.20	132	14.70	71	03	26	00	500	?	X	X	BOTT
BEAUFORT SEA	73	41.70	131	20.50	71	03	26	05	500	?	X	X	BOTT
BEAUFORT SEA	73	48.70	131	15.50	71	03	26	05	500	?	X	X	BOTT
BEAUFORT SEA	73	50.70	132	15.50	71	03	26	05	500	?	X	X	BOTT
BEAUFORT SEA	73	41.30	131	20.90	71	03	26	14	500	?	X	X	BOTT
BEAUFORT SEA	73	48.30	131	15.90	71	03	26	14	500	?	X	X	BOTT
BEAUFORT SEA	73	50.30	132	15.90	71	03	26	14	500	?	X	X	BOTT
BEAUFORT SEA	73	42.00	131	20.20	71	03	26	19	500	?	X	X	BOTT
BEAUFORT SEA	73	49.00	131	15.20	71	03	26	19	500	?	X	X	BOTT
BEAUFORT SEA	73	51.00	132	15.20	71	03	26	19	500	?	X	X	BOTT
BEAUFORT SEA	73	41.20	131	20.90	71	03	27	00	500	?	X	X	BOTT
BEAUFORT SEA	73	48.20	131	15.90	71	03	27	00	500	?	X	X	BOTT
BEAUFORT SEA	73	50.20	132	15.90	71	03	27	00	500	?	X	X	BOTT
BEAUFORT SEA	73	40.50	131	21.60	71	03	27	05	500	?	X	X	BOTT
BEAUFORT SEA	73	47.50	131	16.60	71	03	27	05	500	?	X	X	BOTT
BEAUFORT SEA	73	49.50	132	16.60	71	03	27	05	500	?	X	X	BOTT
BEAUFORT SEA	73	41.00	131	21.00	71	03	27	14	500	?	X	X	BOTT
BEAUFORT SEA	73	48.00	131	16.00	71	03	27	14	500	?	X	X	BOTT
BEAUFORT SEA	73	50.00	132	16.00	71	03	27	14	500	?	X	X	BOTT
BEAUFORT SEA	73	40.60	131	21.60	71	03	27	19	500	?	X	X	BOTT
BEAUFORT SEA	73	47.60	131	16.60	71	03	27	19	500	?	X	X	BOTT
BEAUFORT SEA	73	49.60	132	16.60	71	03	27	19	500	?	X	X	BOTT
BEAUFORT SEA	73	40.60	131	21.60	71	03	27	20	500	?	X	X	BOTT
BEAUFORT SEA	73	47.60	131	16.60	71	03	27	20	500	?	X	X	BOTT
BEAUFORT SEA	73	47.30	131	17.00	71	03	27	21	500	?	X	X	BOTT
BEAUFORT SEA	73	43.70	131	17.00	71	03	27	22	500	?	X	X	BOTT
BEAUFORT SEA	73	47.30	131	17.00	71	03	27	23	500	?	X	X	BOTT
BEAUFORT SEA	73	40.30	131	22.00	71	03	28	00	500	?	X	X	BOTT
BEAUFORT SEA	73	47.30	131	17.00	71	03	28	00	500	?	X	X	BOTT
BEAUFORT SEA	73	49.30	132	17.00	71	03	28	00	500	?	X	X	BOTT
BEAUFORT SEA	73	41.00	131	21.00	71	03	28	05	500	?	X	X	BOTT
BEAUFORT SEA	73	48.00	131	16.00	71	03	28	05	500	?	X	X	BOTT
BEAUFORT SEA	73	50.00	132	16.00	71	03	28	05	500	?	X	X	BOTT
BEAUFORT SEA	73	40.40	131	21.10	71	03	28	14	500	?	X	X	BOTT
BEAUFORT SEA	73	47.40	131	16.10	71	03	28	14	500	?	X	X	BOTT
BEAUFORT SEA	73	49.40	132	16.10	71	03	28	14	500	?	X	X	BOTT
BEAUFORT SEA	73	40.20	131	20.40	71	03	28	19	500	?	X	X	BOTT
BEAUFORT SEA	73	47.20	131	15.40	71	03	28	19	500	?	X	X	BOTT
BEAUFORT SEA	73	49.20	132	15.40	71	03	28	19	500	?	X	X	BOTT
BEAUFORT SEA	73	39.60	131	20.20	71	03	29	00	500	?	X	X	BOTT
BEAUFORT SEA	73	46.60	131	15.20	71	03	29	00	500	?	X	X	BOTT
BEAUFORT SEA	73	48.60	132	15.20	71	03	29	00	500	?	X	X	BOTT
BEAUFORT SEA	73	39.20	131	20.30	71	03	29	05	500	?	X	X	BOTT
BEAUFORT SEA	73	46.20	131	15.30	71	03	29	05	500	?	X	X	BOTT
BEAUFORT SEA	73	48.20	132	15.30	71	03	29	05	500	?	X	X	BOTT
BEAUFORT SEA	73	39.80	131	19.80	71	03	29	14	500	?	X	X	BOTT
BEAUFORT SEA	73	46.80	131	14.80	71	03	29	14	500	?	X	X	BOTT

BEAUFORT SEA		73	48.80	132	14.80	71	03	29	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	41.80	131	19.20	71	03	29	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	48.80	131	14.20	71	03	29	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	39.20	131	20.30	71	03	30	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	46.20	131	15.30	71	03	30	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	48.20	132	15.30	71	03	30	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	39.50	131	19.70	71	03	30	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	46.50	131	14.70	71	03	30	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	48.50	132	14.70	71	03	30	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	39.10	131	20.80	71	03	30	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	46.10	131	15.80	71	03	30	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	48.10	132	15.80	71	03	30	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	39.40	131	20.10	71	03	30	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	46.40	131	15.10	71	03	30	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	48.40	132	15.10	71	03	30	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	39.60	131	19.90	71	03	31	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	46.60	131	14.90	71	03	31	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	48.60	132	14.90	71	03	31	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	39.00	131	20.50	71	03	31	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	46.00	131	15.50	71	03	31	05	260	?	X		X	BOTT		
BEAUFORT SEA		73	48.00	132	15.50	71	03	31	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	39.20	131	20.60	71	03	31	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	46.20	131	15.60	71	03	31	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	48.20	132	15.60	71	03	31	14	500	?	X		X	BOTT		
BEAUFORT SEA		73	38.70	131	21.20	71	03	31	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	45.70	131	16.20	71	03	31	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	47.70	132	16.20	71	03	31	19	500	?	X		X	BOTT		
BEAUFORT SEA		73	47.70	132	16.20	71	03	31	20	100	?	X		X	BOTT		
BEAUFORT SEA		73	38.60	131	21.20	71	04	01	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	45.60	131	16.20	71	04	01	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	47.60	132	16.20	71	04	01	00	500	?	X		X	BOTT		
BEAUFORT SEA		73	37.80	131	21.20	71	04	01	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	44.80	131	16.20	71	04	01	05	500	?	X		X	BOTT		
BEAUFORT SEA		73	46.80	132	16.20	71	04	01	05	500	?	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0004
YEAR:1971 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
ESKIMO LAKES	508	69	34.80	131	18.00	71	08	19	17	18	22	X		X	BOTT		
ESKIMO LAKES	510	69	35.50	131	04.00	71	08	26	17	49	57	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	71	08	28	18	20	24	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	71	09	06	18	20	25	X		X	BOTT		
ESKIMO LAKES	510	69	35.50	131	04.00	71	09	09	19	50	65	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	71	12	15	19	20	22	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 72-0001
YEAR:1972 VESSEL/AGENCY: BEDFORD INST. OCEANOGRAPHY

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
BEAUFORT SEA		70	44.70	129	53.80	72	03	21	20	?	26	X		X	BOTT		
BEAUFORT SEA		70	52.70	130	04.10	72	03	21	22	?	30	X		X	BOTT		
BEAUFORT SEA		71	00.90	130	24.00	72	03	22	17	?	45	X		X	BOTT		
BEAUFORT SEA		71	33.20	131	20.10	72	03	24	19	?	300	X		X	BOTT		
BEAUFORT SEA		71	05.80	130	53.50	72	03	25	00	?	50	X		X	BOTT		
BEAUFORT SEA		71	20.90	130	58.50	72	03	25	16	?	260	X		X	BOTT		
BEAUFORT SEA		70	58.30	135	12.30	72	03	27	17	?	300	X		X	BOTT		
BEAUFORT SEA		70	50.90	135	00.20	72	03	27	20	?	114	X		X	BOTT		
BEAUFORT SEA		70	44.80	134	50.80	72	03	27	22	?	68	X		X	BOTT		
BEAUFORT SEA		70	40.90	134	44.80	72	03	27	23	?	49	X		X	BOTT		
BEAUFORT SEA		69	45.30	140	29.50	72	03	31	17	?	30	X		X	BOTT		
BEAUFORT SEA		69	59.90	140	10.40	72	03	31	19	?	75	X		X	BOTT		
BEAUFORT SEA		70	11.90	139	59.00	72	03	31	21	?	150	X		X	BOTT		

BEAUFORT SEA		70	22.70	139	46.30	72	04	01	16	?	300	X		X	BOTT	
BEAUFORT SEA		70	37.30	139	20.60	72	04	01	19	?	300	X		X	BOTT	
BEAUFORT SEA		71	00.40	138	23.10	72	04	01	21	?	300	X		X	BOTT	
BEAUFORT SEA		70	37.40	138	27.20	72	04	02	00	?	300	X		X	BOTT	
BEAUFORT SEA		70	24.00	138	33.40	72	04	02	16	?	300	X		X	BOTT	
BEAUFORT SEA		70	09.00	138	31.30	72	04	02	18	?	300	X		X	BOTT	
BEAUFORT SEA		70	00.10	138	29.70	72	04	02	20	?	270	X		X	BOTT	
BEAUFORT SEA		69	48.50	138	26.40	72	04	02	22	?	186	X		X	BOTT	
BEAUFORT SEA		69	36.40	138	12.90	72	04	03	00	?	142	X		X	BOTT	
BEAUFORT SEA		70	41.40	137	29.10	72	04	03	16	?	300	X		X	BOTT	
BEAUFORT SEA		71	05.80	137	47.70	72	04	03	18	?	300	X		X	BOTT	
BEAUFORT SEA		70	28.50	136	30.60	72	04	03	21	?	300	X		X	BOTT	
BEAUFORT SEA		70	26.40	137	27.70	72	04	03	23	?	300	X		X	BOTT	
BEAUFORT SEA		70	26.00	134	20.80	72	04	05	21	?	52	X		X	BOTT	
BEAUFORT SEA		70	25.10	133	28.60	72	04	05	22	?	40	X		X	BOTT	
BEAUFORT SEA		71	19.70	139	59.00	72	04	07	17	?	230	X		X	BOTT	
BEAUFORT SEA		71	27.20	132	05.00	72	04	07	19	?	300	X		X	BOTT	
BEAUFORT SEA		71	17.20	133	03.60	72	04	07	21	?	300	X		X	BOTT	
BEAUFORT SEA		71	07.50	132	54.90	72	04	07	23	?	100	X		X	BOTT	
BEAUFORT SEA		71	03.00	133	58.80	72	04	09	16	?	300	X		X	BOTT	
BEAUFORT SEA		71	12.20	134	16.50	72	04	09	18	?	300	X		X	BOTT	
BEAUFORT SEA		70	52.40	135	53.50	72	04	09	20	?	300	X		X	BOTT	
BEAUFORT SEA		70	40.70	135	43.60	72	04	09	22	?	200	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 72-0003
YEAR:1972 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
MACKENZIE DLTA	7	69	22.5	134	24.	72	08	08	?	?	?	X			?	
MACKENZIE DLTA	7	69	22.5	134	24.	72	08	26	?	?	?	X			?	
MACKENZIE DLTA	7	69	22.5	134	24.	72	09	09	?	?	?	X			?	
MACKENZIE DLTA	4	69	23.0	134	42.	72	09	09	?	?	?	X			?	
MACKENZIE BAY	8	69	31.5	135	09.	72	09	09	?	?	?	X			?	
MACKENZIE BAY	9	69	37.0	135	00.	72	09	10	?	?	?	X			?	

BOTTLE/CTD DATA SET NUMBER: 72-0004
YEAR:1972 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
ESKIMO LAKES	508	69	34.80	131	18.00	72	03	17	23	20	20	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	05	18	22	20	23	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	07	09	18	20	21	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	07	22	03	20	22	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	72	07	23	19	50	61	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	72	07	28	21	50	61	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	07	29	03	18	19	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	72	08	04	01	50	51	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	08	04	18	18	20	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	72	08	10	15	50	60	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	08	11	16	20	21	X		X	BOTT	
LIVERPOOL BAY	08	69	48.00	130	20.00	72	08	17	?	0	?			X	BOTT	
LIVERPOOL BAY	02	69	50.50	130	11.00	72	08	18	?	0	?		X	X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	72	08	17	15	50	60	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	08	18	16	20	20	X		X	BOTT	
ESKIMO LAKES	513	69	22.00	131	08.00	72	08	21	18	28	30	X		X	BOTT	
ESKIMO LAKES	514	69	27.00	131	06.00	72	08	21	20	30	35	X		X	BOTT	
ESKIMO LAKES	515A	69	33.00	131	12.00	72	08	21	22	25	27	X		X	BOTT	
ESKIMO LAKES	519	69	27.00	130	55.00	72	08	23	18	40	45	X		X	BOTT	
ESKIMO LAKES	518	69	25.00	130	47.00	72	08	23	21	13	15	X		X	BOTT	
ESKIMO LAKES	517	69	32.00	130	40.00	72	08	24	00	5	6	X		X	BOTT	
ESKIMO LAKES	516	69	32.00	130	55.00	72	08	24	01	6	4	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	08	25	13	20	22	X		X	BOTT	
ESKIMO LAKES		69	33.00	131	27.00	72	08	25	18	?	33	X		X	BOTT	

ESKIMO LAKES	520	69	30.00	131	39.00	72	08	25	20	40	43	X		X	BOTT	
ESKIMO LAKES	521	69	26.00	131	53.00	72	08	25	22	6	8	X		X	BOTT	
ESKIMO LAKES	522	69	20.00	132	05.00	72	08	26	01	20	23	X		X	BOTT	
ESKIMO LAKES	523	69	17.00	132	14.00	72	08	26	02	8	9	X		X	BOTT	
ESKIMO LAKES	524	69	14.00	132	21.00	72	08	26	13	5	6	X		X	BOTT	
ESKIMO LAKES	525	69	09.00	132	29.00	72	08	26	16	8	9	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	72	08	28	15	50	58	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	72	08	29	16	39	41	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	08	29	20	22	22	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	09	04	19	15	16	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	72	11	25	21	17	18	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 72-0006
YEAR:1972 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
MACKENZIE DLTA	A1	69	25.	135	01.	72	07	05	?	0	?	X		X	?	
MACKENZIE DLTA	A2	69	23.	134	59.	72	07	05	?	0	?	X		X	?	
MACKENZIE DLTA	A3	69	22.	134	57.	72	07	06	?	0	?	X		X	?	
MACKENZIE DLTA	A4	69	23.	134	52.	72	07	06	?	0	?	X		X	?	
MACKENZIE DLTA	A5	69	22.	134	55.	72	07	06	?	0	?	X		X	?	
MACKENZIE DLTA	A6	69	19.	134	56.	72	07	09	?	0	?	X		X	?	
MACKENZIE DLTA	A7	69	14.	134	59.	72	07	09	?	0	?	X		X	?	
MACKENZIE DLTA	A8	69	11.	135	00.	72	07	09	?	0	?	X		X	?	
MACKENZIE DLTA	A9	69	10.	135	06.	72	07	09	?	0	?	X		X	?	
MACKENZIE DLTA	B7	69	00.	134	37.	72	07	11	?	0	?	X		X	?	
MACKENZIE DLTA	BB	69	05.	134	21.	72	07	11	?	0	?	X		X	?	
MACKENZIE DLTA	B1	69	18.	134	05.	72	07	14	?	0	?	X		X	?	
MACKENZIE DLTA	B2	69	15.	134	11.	72	07	14	?	0	?	X		X	?	
MACKENZIE DLTA	B4	69	08.	134	21.	72	07	15	?	0	?	X		X	?	
MACKENZIE DLTA	BA	69	11.	134	10.	72	07	15	?	0	?	X		X	?	
MACKENZIE DLTA	B3	69	14.	134	12.	72	07	16	?	0	?	X		X	?	
MACKENZIE DLTA	B5	69	01.	134	37.	72	07	17	?	0	?	X		X	?	
MACKENZIE DLTA	B6	69	01.	134	42.	72	07	18	?	0	?	X		X	?	
MACKENZIE DLTA	A1	69	25.	135	01.	72	08	02	?	0	?	X		X	?	
MACKENZIE DLTA	A2	69	23.	134	59.	72	08	02	?	0	?	X		X	?	
MACKENZIE DLTA	A3	69	22.	134	57.	72	08	03	?	0	?	X		X	?	
MACKENZIE DLTA	A4	69	23.	134	52.	72	08	03	?	0	?	X		X	?	
MACKENZIE DLTA	A5	69	22.	134	55.	72	08	04	?	0	?	X		X	?	
MACKENZIE DLTA	A6	69	19.	134	56.	72	08	04	?	0	?	X		X	?	
MACKENZIE DLTA	A7	69	14.	134	59.	72	08	05	?	0	?	X		X	?	
MACKENZIE DLTA	A8	69	11.	135	00.	72	08	05	?	0	?	X		X	?	
MACKENZIE DLTA	A9	69	10.	135	06.	72	08	06	?	0	?	X		X	?	
MACKENZIE DLTA	B1	69	18.	134	05.	72	08	07	?	0	?	X		X	?	
MACKENZIE DLTA	B2	69	15.	134	11.	72	08	07	?	0	?	X		X	?	
MACKENZIE DLTA	B3	69	14.	134	12.	72	08	08	?	0	?	X		X	?	
MACKENZIE DLTA	B4	69	08.	134	21.	72	08	08	?	0	?	X		X	?	
MACKENZIE DLTA	B5	69	01.	134	37.	72	08	10	?	0	?	X		X	?	
MACKENZIE DLTA	B6	69	01.	134	42.	72	08	10	?	0	?	X		X	?	
MACKENZIE DLTA	B7	69	00.	134	37.	72	08	11	?	0	?	X		X	?	

BOTTLE/CTD DATA SET NUMBER: 72-0007
YEAR:1972 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
MACKENZIE BAY	AI1	69	37.20	134	40.00	72	07	06	?	2	2	X		X	MART	
MACKENZIE BAY	AI2	69	37.00	134	40.60	72	07	06	?	1	1	X		X	MART	
MACKENZIE BAY	5D	69	36.90	134	35.00	72	07	07	?	3	3	X		X	MART	
MACKENZIE BAY	SS	69	37.50	134	41.00	72	07	07	?	3	3	X		X	MART	
MACKENZIE BAY	AI3	69	37.20	134	41.20	72	07	07	?	3	3	X		X	MART	
MACKENZIE BAY	AI	69	37.20	134	40.60	72	07	08	?	3	3	X		X	MART	
MACKENZIE BAY	AI	69	37.20	134	40.60	72	07	08	?	3	3	X		X	MART	
MACKENZIE BAY	SS	69	37.50	134	41.00	72	07	08	?	3	3	X		X	MART	

MACKENZIE BAY	7C	69	37.40	134	31.50	72	07	09	?	3	3	X		X	MART
MACKENZIE BAY	7D	69	39.00	134	00.30	72	07	09	?	3	3	X		X	MART
MACKENZIE BAY	7E	69	41.20	134	28.00	72	07	09	?	3	3	X		X	MART
MACKENZIE BAY	1B	69	30.40	134	34.80	72	07	10	?	1	1	X		X	MART
MACKENZIE BAY	2A	69	32.00	134	36.00	72	07	10	?	2	2	X		X	MART
MACKENZIE BAY	2B	69	31.70	134	37.90	72	07	10	?	1	1	X		X	MART
MACKENZIE BAY	5A	69	32.50	134	37.00	72	07	10	?	2	2	X		X	MART
MACKENZIE BAY	5B	69	33.90	134	39.50	72	07	10	?	2	2	X		X	MART
MACKENZIE BAY	5E					72	07	10	?	2	2	X		X	MART
MACKENZIE BAY	7A	69	34.00	134	34.50	72	07	10	?	2	2	X		X	MART
MACKENZIE BAY	7B	69	35.70	134	33.20	72	07	10	?	3	3	X		X	MART
MACKENZIE BAY	3C	69	30.70	134	53.40	72	07	11	?	3	3	X		X	MART
MACKENZIE BAY	6A	69	40.60	134	33.00	72	07	19	?	4	4	X		X	MART
MACKENZIE BAY	6B	69	40.00	134	38.90	72	07	19	?	4	4	X		X	MART
MACKENZIE BAY	10B	69	32.10	134	26.90	72	07	19	?	1	1	X		X	MART
MACKENZIE BAY	6C	69	39.50	134	43.50	72	07	20	?	4	4	X		X	MART
MACKENZIE BAY	6D	69	39.00	134	48.50	72	07	20	?	4	4	X		X	MART
MACKENZIE BAY	6E	69	38.40	134	53.20	72	07	20	?	3	3	X		X	MART
MACKENZIE BAY	3A	69	33.10	135	02.30	72	08	02	?	1	1	X		X	MART
MACKENZIE BAY	3B	69	31.90	134	57.70	72	08	02	?	2	2	X		X	MART
MACKENZIE BAY	4A	69	32.40	134	41.90	72	08	02	?	1	1	X		X	MART
MACKENZIE BAY	4C	69	32.80	134	51.90	72	08	02	?	2	2	X		X	MART
MACKENZIE BAY	AI	69	37.20	134	40.60	72	08	03	?	3	3	X		X	MART
MACKENZIE BAY	SS	69	37.50	134	41.00	72	08	03	?	3	3	X		X	MART
MACKENZIE BAY	5D	69	36.90	134	35.00	72	08	04	?	2	2	X		X	MART
MACKENZIE BAY	6C	69	39.50	134	43.50	72	08	05	?	4	4	X		X	MART
MACKENZIE BAY	5A	69	32.50	134	37.00	72	08	09	?	1	1	X		X	MART
MACKENZIE BAY	9D	69	36.70	134	20.60	72	08	09	?	2	2	X		X	MART
MACKENZIE BAY	10B	69	32.10	134	26.90	72	08	09	?	2	2	X		X	MART
MACKENZIE BAY	10E	69	31.60	134	12.10	72	08	09	?	2	2	X		X	MART
MACKENZIE BAY	7C	69	37.40	134	31.50	72	08	10	?	3	3	X		X	MART
MACKENZIE BAY	7E	69	41.20	134	28.00	72	08	10	?	4	4	X		X	MART
MACKENZIE BAY	3B	69	31.90	134	57.70	72	08	16	?	2	2	X		X	MART
MACKENZIE BAY	7C	69	37.40	134	31.50	72	08	16	?	3	3	X		X	MART
MACKENZIE BAY	7E	69	41.20	134	28.00	72	08	16	?	2	2	X		X	MART
MACKENZIE BAY	10B	69	32.10	134	26.90	72	08	16	?	1	1	X		X	MART
MACKENZIE BAY	1B	69	30.40	134	34.80	72	08	17	?	1	1	X		X	MART
MACKENZIE BAY	5A	69	32.50	134	37.00	72	08	17	?	1	1	X		X	MART
MACKENZIE BAY	6C	69	39.50	134	43.50	72	08	17	?	4	4	X		X	MART
MACKENZIE BAY	9B	69	34.60	134	28.50	72	08	17	?	2	2	X		X	MART
MACKENZIE BAY	4C	69	32.80	134	51.90	72	08	18	?	2	2	X		X	MART
MACKENZIE BAY	8A	69	41.30	134	10.50	72	08	18	?	3	3	X		X	MART
MACKENZIE BAY	9D	69	36.70	134	20.60	72	08	18	?	1	1	X		X	MART
MACKENZIE BAY	5D	69	36.90	134	35.00	72	08	19	?	2	2	X		X	MART
MACKENZIE BAY	AI	69	37.20	134	40.60	72	08	19	?	3	3	X		X	MART
MACKENZIE BAY	SS	69	37.50	134	41.00	72	08	19	?	3	3	X		X	MART
MACKENZIE BAY	3B	69	31.90	134	57.70	72	09	10	?	2	2	X		X	MART
MACKENZIE BAY	5A	69	32.50	134	37.00	72	09	10	?	1	1	X		X	MART
MACKENZIE BAY	5D	69	36.90	134	35.00	72	09	10	?	2	2	X		X	MART
MACKENZIE BAY	6C	69	39.50	134	43.50	72	09	10	?	4	4	X		X	MART
MACKENZIE BAY	7C	69	37.40	134	31.50	72	09	10	?	3	3	X		X	MART
MACKENZIE BAY	AI	69	37.20	134	40.60	72	09	10	?	3	3	X		X	MART
MACKENZIE BAY	E1	69	28.00	134	36.60	72	09	13	?	?	?	X		X	MART
MACKENZIE BAY	E2					72	09	13	?	?	?	X		X	MART
MACKENZIE BAY	E3	69	28.50	134	23.50	72	09	14	?	?	?	X		X	MART
MACKENZIE BAY	E4	69	28.80	134	21.00	72	09	14	?	?	?	X		X	MART
MACKENZIE BAY	E5A	69	28.80	134	18.50	72	09	15	?	?	?	X		X	MART
MACKENZIE BAY	E6A	69	28.30	134	18.00	72	09	15	?	?	?	X		X	MART
MACKENZIE BAY	E6	69	27.60	134	08.20	72	09	16	?	?	?	X		X	MART
MACKENZIE BAY	E7	69	26.80	134	06.00	72	09	16	?	?	?	X		X	MART
MACKENZIE BAY	E8	69	27.40	134	04.90	72	09	17	?	?	?	X		X	MART
MACKENZIE BAY	E9	69	30.00	134	06.90	72	09	17	?	?	?	X		X	MART
MACKENZIE BAY	E11	69	35.80	134	07.30	72	09	19	?	?	?	X		X	MART
MACKENZIE BAY	E12	69	38.00	134	05.50	72	09	19	?	?	?	X		X	MART

BOTTLE/CTD DATA SET NUMBER: 72-0118
YEAR:1972 VESSEL/AGENCY: AQUATIC ENV.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
YUKON COASTAL	CLAR	69	38.	140	49.	72	07	03	?	2.0	2.0		X	X	?		
YUKON COASTAL	NANAL	69	33.	139	30.	72	07	13	?	4.0	4.0		X	X	?		
YUKON COASTAL	PHIL	69	15.	138	31.	72	07	18	?	1.5	1.5		X	X	?		
YUKON COASTAL	NANAL	69	33.	139	30.	72	08	06	?	1.5	1.5		X	X	?		

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	C	S	T	INSTR	INT HR	NO
YUKON COASTAL	BS	69	33.2	139	30.	72	08	06	?	8.0	8.0		X	X	?		

BOTTLE/CTD DATA SET NUMBER: 73-0001
YEAR:1973 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY	6C	69	39.50	134	43.50	73	03	20	?	?	5	X		X	?		
MACKENZIE BAY	A11	69	37.20	134	40.00	73	03	20	?	?	3	X		X	?		
MACKENZIE BAY	5D	69	36.90	134	35.00	73	03	21	?	?	3	X		X	?		
MACKENZIE BAY	7B	69	35.70	134	33.20	73	03	21	?	?	3	X		X	?		
MACKENZIE BAY	SS	69	37.50	134	41.00	73	03	21	?	?	4	X		X	?		
MACKENZIE BAY	A12	69	37.00	134	40.60	73	03	21	?	?	3	X		X	?		
MACKENZIE BAY	A13	69	37.20	134	41.20	73	03	21	?	?	3	X		X	?		

BOTTLE/CTD DATA SET NUMBER: 73-0002
YEAR:1973 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
KUGMALLIT BAY	526	69	23.70	132	59.60	73	07	20	16	7	8	X		X	YSI		
KUGMALLIT BAY	527	69	30.00	133	15.00	73	07	20	21	5	5	X		X	YSI		
KUGMALLIT BAY	528	69	50.00	132	22.00	73	07	22	21	7	7	X		X	YSI		
TUK. SHELF	529	70	01.00	131	26.00	73	07	23	01	10	12	X		X	YSI		
TUK. SHELF	530	70	11.00	130	50.00	73	07	23	15	9	9	X		X	YSI		
TUK. SHELF	531	70	23.00	130	01.00	73	07	23	19	14	15	X		X	YSI		
TUK. SHELF	543A	70	31.00	130	07.00	73	07	23	23	15	?	X		X	YSI		
TUK. SHELF	543B	70	31.00	130	07.00	73	07	23	23	15	?	X		X	YSI		
TUK. SHELF	532	70	43.00	130	14.00	73	07	24	00	35	36	X		X	YSI		
TUK. SHELF	533	70	56.00	130	14.00	73	07	24	04	40	42	X		X	YSI		
KUGMALLIT BAY	534	69	43.00	133	06.00	73	07	24	23	6	7	X		X	YSI		
KUGMALLIT BAY	535	69	40.00	133	53.00	73	07	25	23	5	6	X		X	YSI		
MACKENZIE BAY	536	69	50.00	134	30.00	73	07	26	03	8	9	X		X	YSI		
MACKENZIE BAY	537	69	48.00	135	17.00	73	07	26	06	9	9	X		X	YSI		
MACKENZIE BAY	538	69	33.00	136	00.00	73	07	26	19	5	5	X		X	YSI		
MACKENZIE BAY	539	69	17.00	136	34.00	73	07	26	22	3	3	X		X	YSI		
MACKENZIE BAY	540	69	02.00	137	12.00	73	07	27	02	4	4	X		X	YSI		
MACKENZIE BAY	541	69	14.00	137	54.00	73	07	27	18	30	34	X		X	YSI		
MACKENZIE BAY	542	69	32.00	138	18.00	73	07	27	23	90	94	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 73-0003A
YEAR:1973 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ESKIMO LAKES	508	69	34.80	131	18.00	73	02	24	02	20	23	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	05	20	20	40	47	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	05	21	00	20	22	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	06	21	17	20	24	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	06	26	22	9	41	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	06	28	15	20	24	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	07	05	17	40	41	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	07	07	20	20	23	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	07	11	19	40	43	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	07	19	17	20	26	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	07	19	22	40	42	X		X	BOTT		

ESKIMO LAKES	515	69	32.00	131	11.00	73	07	27	18	40	43	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	07	27	23	20	25	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	08	03	17	20	24	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	08	03	21	40	41	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	08	13	14	40	44	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	08	13	16	20	25	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	08	16	18	40	44	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	08	23	15	40	44	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	08	23	21	20	24	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	73	09	30	18	46	47	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	73	10	01	17	20	23	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 73-0003B
YEAR: 1973 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ESKIMO LAKES	E1	69	31.00	131	24.00	73	07	04	17	60	62	X		X	YSI		
ESKIMO LAKES	E2	69	31.00	131	35.00	73	07	04	20	40	48	X		X	YSI		
ESKIMO LAKES	E3	69	24.50	131	57.00	73	07	04	22	5	7	X		X	YSI		
ESKIMO LAKES	E4	69	21.00	132	05.00	73	07	04	23	12	14	X		X	YSI		
ESKIMO LAKES	E6	69	14.00	132	19.00	73	07	05	02	10	18	X		X	YSI		
ESKIMO LAKES	E5	69	17.50	132	12.00	73	07	05	11	15	18	X		X	YSI		
ESKIMO LAKES	E6	69	14.00	132	19.00	73	07	10	00	10	12	X		X	YSI		
ESKIMO LAKES	E1	69	31.00	131	24.00	73	07	10	15	60	62	X		X	YSI		
ESKIMO LAKES	E2	69	31.00	131	35.00	73	07	10	18	50	56	X		X	YSI		
ESKIMO LAKES	E3	69	24.50	131	57.00	73	07	10	20	7	9	X		X	YSI		
ESKIMO LAKES	E4	69	21.00	132	05.00	73	07	10	22	15	17	X		X	YSI		
ESKIMO LAKES	E5	69	17.50	132	12.00	73	07	10	23	15	18	X		X	YSI		
ESKIMO LAKES	E5	69	17.50	132	12.00	73	07	24	00	15	18	X		X	YSI		
ESKIMO LAKES	E1	69	31.00	131	24.00	73	07	24	15	50	56	X		X	YSI		
ESKIMO LAKES	E2	69	31.00	131	35.00	73	07	24	17	50	53	X		X	YSI		
ESKIMO LAKES	E4	69	21.00	132	05.00	73	07	24	21	15	17	X		X	YSI		
ESKIMO LAKES	E3	69	24.50	131	57.00	73	07	24	23	7	9	X		X	YSI		
ESKIMO LAKES	E6	69	14.00	132	19.00	73	07	25	00	15	19	X		X	YSI		
ESKIMO LAKES	E5	69	17.50	132	12.00	73	08	01	22	20	23	X		X	YSI		
ESKIMO LAKES	E1	69	31.00	131	24.00	73	08	02	15	50	53	X		X	YSI		
ESKIMO LAKES	E2	69	31.00	131	35.00	73	08	02	17	60	62	X		X	YSI		
ESKIMO LAKES	E3	69	24.50	131	57.00	73	08	02	19	7	8	X		X	YSI		
ESKIMO LAKES	E4	69	21.00	132	05.00	73	08	02	21	7	10	X		X	YSI		
ESKIMO LAKES	E6	69	14.00	132	19.00	73	08	03	00	15	17	X		X	YSI		
ESKIMO LAKES	E5	69	17.50	132	12.00	73	08	12	00	15	19	X		X	YSI		
ESKIMO LAKES	E1	69	31.00	131	24.00	73	08	12	17	50	58	X		X	YSI		
ESKIMO LAKES	E2	69	31.00	131	35.00	73	08	12	18	55	60	X		X	YSI		
ESKIMO LAKES	E3	69	24.50	131	57.00	73	08	12	20	7	8	X		X	YSI		
ESKIMO LAKES	E4	69	21.00	132	05.00	73	08	12	22	6	12	X		X	YSI		
ESKIMO LAKES	E6	69	14.00	132	19.00	73	08	13	00	15	20	X		X	YSI		
ESKIMO LAKES	E8	69	05.00	132	50.00	73	08	18	00	?3	3	X		X	YSI		
ESKIMO LAKES	E7	69	13.50	132	31.00	73	08	18	01	?3	4	X		X	YSI		
ESKIMO LAKES	E1	69	31.00	131	24.00	73	08	24	15	55	58	X		X	YSI		
ESKIMO LAKES	E2	69	31.00	131	35.00	73	08	24	17	55	59	X		X	YSI		
ESKIMO LAKES	E3	69	24.50	131	57.00	73	08	24	22	7	9	X		X	YSI		
ESKIMO LAKES	E4	69	21.00	132	05.00	73	08	25	00	7	18	X		X	YSI		
ESKIMO LAKES	E6	69	14.00	132	19.00	73	08	25	02	10	14	X		X	YSI		
ESKIMO LAKES	E5	69	17.50	132	12.00	73	08	25	11	15	18	X		X	YSI		
ESKIMO LAKES	E1	69	31.00	131	24.00	73	08	29	18	50	54	X		X	YSI		
ESKIMO LAKES	E3	69	24.50	131	57.00	73	08	29	21	5	7	X		X	YSI		
ESKIMO LAKES	E4	69	21.00	132	05.00	73	08	29	22	7	9	X		X	YSI		
ESKIMO LAKES	E5	69	17.50	132	12.00	73	08	29	23	20	25	X		X	YSI		
ESKIMO LAKES	E6	69	14.00	132	19.00	73	08	30	00	20	22	X		X	YSI		
KUGMALLIT BAY	020	69	24.20	132	59.70	73	07	20	?	12	?	X		X	YSI		
KUGMALLIT BAY	002	69	35.00	133	04.50	73	07	21	?	1	?			X	YSI		
KUGMALLIT BAY	003	69	36.00	133	09.50	73	07	23	?	0	?			X	YSI		
KUGMALLIT BAY	004	69	34.17	133	15.00	73	07	25	?	1	?			X	YSI		
KUGMALLIT BAY	018	69	33.40	133	04.40	73	07	25	?	1	?	X		X	YSI		
KUGMALLIT BAY	018	69	35.50	133	04.50	73	07	25	?	1	?			X	YSI		
KUGMALLIT BAY	005	69	31.40	133	22.67	73	07	26	?	1	?			X	YSI		
KUGMALLIT BAY	020	69	45.00	132	35.00	73	08	02	?	9	?	X		X	YSI		
TUK. SHELF	022	70	13.00	130	54.00	73	08	03	?	14	?	X		X	YSI		
TUK. SHELF	023	70	11.00	130	54.00	73	08	03	?	8	?	X		X	YSI		
KUGMALLIT BAY	007	69	40.83	132	54.00	73	08	08	?	2	?	X		X	YSI		
KUGMALLIT BAY	010	69	38.00	133	02.50	73	08	17	?	0	?			X	YSI		
LIVERPOOL BAY	024	69	27.00	130	55.00	73	08	18	?	17	?	X		X	YSI		
LIVERPOOL BAY	027	69	48.50	129	45.00	73	08	19	?	15	?	X		X	YSI		

LIVERPOOL BAY	028	69 49.00	130 09.00	73	08	19	?	7	?	X		X	YSI	
KUGMALLIT BAY	008	69 42.50	132 57.00	73	08	20	?	0	?			X	YSI	
KUGMALLIT BAY	019	69 47.00	132 40.00	73	08	20	?	9	?	X		X	YSI	
LIVERPOOL BAY	030	69 40.00	130 38.00	73	08	23	?	9	?	X		X	YSI	
LIVERPOOL BAY	031	69 37.00	130 34.00	73	08	23	?	6	?	X		X	YSI	
LIVERPOOL BAY	033	69 35.00	130 29.00	73	08	23	?	8	?	X		X	YSI	
LIVERPOOL BAY	035	69 41.00	130 36.00	73	08	23	?	2	?	X		X	YSI	
KUGMALLIT BAY	002	69 35.00	133 04.50	73	08	25	?	0	?			X	YSI	
KUGMALLIT BAY	009	69 44.25	132 05.90	73	09	01	?	0	?			X	YSI	
KUGMALLIT BAY	003	69 36.00	133 09.70	73	09	02	?	2	?			X	YSI	
KUGMALLIT BAY	011	69 40.00	133 07.00	73	09	09	?	2	?	X		X	YSI	

BOTTLE/CTD DATA SET NUMBER: 73-0016
YEAR:1973 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT	LON	DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG MIN	DEG MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR
TUK. HARBOUR	1	69 25.	133 00.	73	08	12	?	0	?	X		X	?	
TUK. HARBOUR	2	69 25.	133 00.	73	08	16	?	0	?	X		X	?	
TUK. HARBOUR	3	69 25.	133 00.	73	08	16	?	0	?	X		X	?	

BOTTLE/CTD DATA SET NUMBER: 73-0023
YEAR:1973 VESSEL/AGENCY: AQUATIC ENV.

AREA	STN	LAT	LON	DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG MIN	DEG MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR
YUKON COASTAL	PHIL	69 15.	138 31.	73	06	21	?	2.0	2.0		X	X	?	
YUKON COASTAL	PHIL	69 15.	138 31.	73	07	20	?	2.0	2.0		X	X	?	
YUKON COASTAL	STOK	69 20.	138 46.	73	07	23	?	2.5	2.5		X	X	?	
YUKON COASTAL	BS	69 20.	138 46.	73	07	23	?	6.0	6.0		X	X	?	
YUKON COASTAL	STOK	69 20.	138 46.	73	08	06	?	3.5	3.5		X	X	?	
YUKON COASTAL	STOK	69 20.	138 46.	73	08	27	?	3.5	3.5		X	X	?	
YUKON COASTAL	STOK	69 20.	138 46.	73	09	12	?	3.5	3.5		X	X	?	

BOTTLE/CTD DATA SET NUMBER: 73-0125
YEAR:1973 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT	LON	DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG MIN	DEG MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR
KUGMALLIT BAY	2	69 35.	133 05.	73	07	21	?	2	?	X		X	YSI	
KUGMALLIT BAY	3	69 36.	133 10.	73	07	23	?	2	?	X		X	YSI	
KUGMALLIT BAY	4	69 34.	133 15.	73	07	25	?	2	?	X		X	YSI	
KUGMALLIT BAY	5	69 32.	133 23.	73	07	26	?	2	?	X		X	YSI	
KUGMALLIT BAY	19	69 47.	132 43.	73	08	02	?	2	?	X		X	YSI	
KUGMALLIT BAY	20	69 45.	132 35.	73	08	02	?	2	?	X		X	YSI	
KUGMALLIT BAY	7	69 41.	132 54.	73	08	06	?	2	?	X		X	YSI	
KUGMALLIT BAY	10	69 38.	133 03.	73	08	17	?	2	?	X		X	YSI	
KUGMALLIT BAY	8	69 42.	132 57.	73	08	20	?	2	?	X		X	YSI	
KUGMALLIT BAY	2	69 35.	133 05.	73	08	25	?	2	?	X		X	YSI	
KUGMALLIT BAY	9	69 44.	132 59.	73	09	01	?	2	?	X		X	YSI	
KUGMALLIT BAY	3	69 36.	133 10.	73	09	02	?	2	?	X		X	YSI	
KUGMALLIT BAY	11	69 39.	133 07.	73	09	09	?	2	?	X		X	YSI	

BOTTLE/CTD DATA SET NUMBER: 74-0001
YEAR: 1974 VESSEL/AGENCY: FF SLANEY & CO. LTD.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MACKENZIE BAY	101	69	27.80	135	22.20	74	03	11	?	2	2	X		X	YSI		
MACKENZIE BAY	104	69	28.30	135	19.80	74	03	13	?	3	3	X		X	YSI		
MACKENZIE BAY	105	69	28.70	135	23.20	74	03	13	?	3	3	X		X	YSI		
MACKENZIE BAY	107	69	29.90	135	22.00	74	03	14	?	3	3	X		X	YSI		
MACKENZIE BAY	111	69	31.50	135	17.50	74	03	14	?	3	3	X		X	YSI		
MACKENZIE BAY	116	69	31.20	135	13.00	74	03	15	?	3	3	X		X	YSI		
MACKENZIE BAY	117	69	32.80	135	12.80	74	03	15	?	3	3	X		X	YSI		
MACKENZIE BAY	113U	69	31.50	135	16.90	74	03	15	?	2	2	X		X	YSI		
MACKENZIE BAY	113G	69	30.80	135	18.30	74	03	16	?	2	2	X		X	YSI		
MACKENZIE BAY	118	69	31.60	135	10.10	74	03	17	?	3	3	X		X	YSI		
MACKENZIE BAY	120	69	31.80	135	04.00	74	03	17	?	3	3	X		X	YSI		
MACKENZIE BAY	122	69	30.60	135	02.00	74	03	17	?	3	3	X		X	YSI		
MACKENZIE BAY	113J	69	31.40	135	16.00	74	03	17	?	3	3	X		X	YSI		
MACKENZIE BAY	113M	69	31.00	135	17.60	74	03	19	?	2	2	X		X	YSI		
MACKENZIE BAY	113P	69	30.80	135	16.60	74	03	19	?	2	2	X		X	YSI		
MACKENZIE BAY	113Q	69	30.50	135	16.20	74	03	19	?	2	2	X		X	YSI		
MACKENZIE BAY	113S	69	31.00	135	16.20	74	03	19	?	2	2	X		X	YSI		
MACKENZIE BAY	401	69	32.80	135	05.50	74	03	20	?	3	3	X		X	YSI		
MACKENZIE BAY	402	69	33.50	135	08.60	74	03	20	?	3	3	X		X	YSI		
MACKENZIE BAY	403	69	33.90	135	11.00	74	03	20	?	3	3	X		X	YSI		
MACKENZIE BAY	201	69	32.20	135	22.70	74	03	21	?	4	4	X		X	YSI		
MACKENZIE BAY	203	69	32.90	135	24.70	74	03	22	?	4	4	X		X	YSI		
MACKENZIE BAY	204	69	32.60	135	25.20	74	03	22	?	4	4	X		X	YSI		
MACKENZIE BAY	206	69	33.70	135	25.10	74	03	24	?	4	4	X		X	YSI		
MACKENZIE BAY	207	69	34.00	135	24.70	74	03	24	?	5	5	X		X	YSI		
MACKENZIE BAY	209	69	36.40	135	24.10	74	03	26	?	6	6	X		X	YSI		
MACKENZIE BAY	210	69	39.10	135	22.70	74	03	26	?	7	7	X		X	YSI		
MACKENZIE BAY	212	69	39.30	135	21.70	74	03	27	?	8	8	X		X	YSI		
MACKENZIE BAY	301	69	42.50	135	25.00	74	03	28	?	9	9	X		X	YSI		
MACKENZIE BAY	302	69	35.80	135	26.60	74	03	31	?	12	12	X		X	YSI		
MACKENZIE BAY	404	69	48.80	133	59.90	74	04	09	?	6	6	X		X	YSI		
MACKENZIE BAY	502	69	51.50	134	06.40	74	04	09	?	8	8	X		X	YSI		
MACKENZIE BAY	413	69	50.90	133	57.90	74	04	11	?	5	5	X		X	YSI		
MACKENZIE BAY	416	69	50.00	133	41.70	74	04	12	?	10	10	X		X	YSI		
MACKENZIE BAY	419	69	50.00	133	42.50	74	04	12	?	10	10	X		X	YSI		
MACKENZIE BAY	801	69	36.50	134	39.90	74	04	14	?	3	3	X		X	YSI		
MACKENZIE BAY	802	69	36.50	134	41.90	74	04	14	?	3	3	X		X	YSI		
MACKENZIE BAY	803	69	36.30	134	41.00	74	04	14	?	2	2	X		X	YSI		
MACKENZIE BAY		69	44.60	132	49.00	74	04	18	?	2	2	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 74-0002
YEAR: 1974 VESSEL/AGENCY: THETA

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MACKENZIE BAY	S01	69	40.60	137	11.30	74	08	12	00	?	47	X		X	BOTT		
MACKENZIE BAY	S02	70	07.20	134	37.10	74	08	13	00	?	33	X		X	BOTT		
MACKENZIE BAY	S03	69	48.90	133	17.90	74	08	13	14	?	15	X		X	BOTT		
MACKENZIE BAY	S04	69	52.80	133	43.30	74	08	13	22	?	15	X		X	BOTT		
MACKENZIE BAY	S05	69	56.90	134	07.50	74	08	13	23	?	17	X		X	BOTT		
MACKENZIE BAY	S06	70	07.70	134	20.00	74	08	14	03	?	35	X		X	BOTT		
MACKENZIE BAY	S07	70	07.20	134	20.70	74	08	14	14	?	34	X		X	BOTT		
MACKENZIE BAY	S08	70	08.20	134	15.00	74	08	15	02	?	35	X		X	BOTT		
MACKENZIE BAY	S09	70	04.50	134	18.80	74	08	15	14	?	28	X		X	BOTT		
MACKENZIE BAY	S10	69	40.40	137	08.80	74	08	15	23	?	17	X		X	BOTT		
MACKENZIE BAY	S11	69	36.00	137	41.50	74	08	16	05	?	65	X		X	BOTT		
MACKENZIE BAY	S11	69	36.00	137	41.50	74	08	16	06	?	65	X		X	BOTT		
MACKENZIE BAY	S11	69	36.00	137	41.50	74	08	16	07	?	65	X		X	BOTT		
MACKENZIE BAY	S11	69	36.00	137	41.50	74	08	16	08	?	65	X		X	BOTT		
MACKENZIE BAY	S11	69	35.90	137	41.60	74	08	16	09	?	65	X		X	BOTT		
MACKENZIE BAY	S11	69	35.90	137	41.60	74	08	16	10	?	65	X		X	BOTT		
MACKENZIE BAY	S11	69	35.80	137	41.60	74	08	16	11	?	65	X		X	BOTT		

MACKENZIE BAY	S11	69	35.60	137	41.50	74	08	16	12	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.60	137	41.50	74	08	16	12	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.70	137	41.50	74	08	16	12	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.50	137	41.40	74	08	16	13	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.50	137	41.40	74	08	16	14	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.40	137	41.40	74	08	16	15	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.30	137	41.40	74	08	16	16	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.20	137	41.30	74	08	16	17	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.20	137	41.30	74	08	16	18	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.30	137	41.30	74	08	16	19	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.50	137	41.40	74	08	16	20	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.70	137	41.40	74	08	16	21	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.60	74	08	16	22	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.60	74	08	16	23	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.60	74	08	17	00	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.60	74	08	17	01	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.60	74	08	17	02	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.60	74	08	17	03	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.60	74	08	17	04	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.60	74	08	17	06	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.60	74	08	17	07	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.60	74	08	17	08	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.50	74	08	17	09	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.50	74	08	17	09	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.10	137	41.50	74	08	17	10	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.10	137	41.50	74	08	17	10	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.10	137	41.50	74	08	17	11	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.00	137	41.50	74	08	17	12	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.50	74	08	17	13	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.50	74	08	17	14	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.80	137	41.50	74	08	17	14	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.50	74	08	17	15	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.00	137	41.50	74	08	17	16	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.10	137	41.50	74	08	17	18	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.10	137	41.50	74	08	17	19	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.30	74	08	17	20	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.00	137	41.40	74	08	17	20	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.30	74	08	17	22	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.30	74	08	17	23	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.40	74	08	18	00	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.50	74	08	18	01	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.50	74	08	18	02	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	35.90	137	41.50	74	08	18	03	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.00	137	41.60	74	08	18	04	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.00	137	41.60	74	08	18	05	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.10	137	41.60	74	08	18	06	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.10	137	41.60	74	08	18	07	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.20	137	41.60	74	08	18	08	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.30	137	41.50	74	08	18	08	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.40	137	41.50	74	08	18	09	?	65	X	X	BOTT
MACKENZIE BAY	S11	69	36.50	137	41.50	74	08	18	10	?	65	X	X	BOTT
MACKENZIE BAY	S12	69	51.50	137	41.30	74	08	18	15	?	78	X	X	BOTT
MACKENZIE BAY	S13	69	49.00	138	23.20	74	08	18	19	?	?	X	X	BOTT
MACKENZIE BAY	S13	69	48.90	138	23.20	74	08	18	20	?	191	X	X	BOTT
MACKENZIE BAY	S14	69	44.00	138	22.90	74	08	18	21	?	?	X	X	BOTT
MACKENZIE BAY	S14	69	44.00	138	22.90	74	08	18	21	?	?	X	X	BOTT
MACKENZIE BAY	S15	69	38.60	138	22.40	74	08	18	22	?	144	X	X	BOTT
MACKENZIE BAY	S16	69	33.00	138	23.70	74	08	18	23	?	?	X	X	BOTT
MACKENZIE BAY	S17	69	26.30	138	09.90	74	08	19	01	?	66	X	X	BOTT
MACKENZIE BAY	S18	69	24.20	138	07.70	74	08	19	02	?	52	X	X	BOTT
MACKENZIE BAY	S19	69	18.80	138	05.70	74	08	19	02	?	42	X	X	BOTT
MACKENZIE BAY	S20	69	26.70	138	48.90	74	08	21	19	?	70	X	X	BOTT
MACKENZIE BAY	S21	69	36.40	138	34.20	74	08	22	15	?	?	X	X	BOTT
MACKENZIE BAY	S22	69	35.50	138	41.90	74	08	22	16	?	46	X	X	BOTT
MACKENZIE BAY	S23	69	28.10	138	38.00	74	08	22	18	?	?	X	X	BOTT
MACKENZIE BAY	S24	69	24.50	138	21.00	74	08	22	22	?	74	X	X	BOTT
MACKENZIE BAY	S25	69	28.90	138	00.30	74	08	23	01	?	69	X	X	BOTT
MACKENZIE BAY	S26	69	28.90	137	43.50	74	08	23	03	?	50	X	X	BOTT
MACKENZIE BAY	S27	69	30.20	137	28.50	74	08	23	04	?	51	X	X	BOTT
MACKENZIE BAY	S28	69	29.80	137	10.50	74	08	23	14	?	39	X	X	BOTT
MACKENZIE BAY	S29	69	31.50	136	45.70	74	08	23	17	?	13	X	X	BOTT
MACKENZIE BAY	S36	69	18.20	137	10.90	74	08	23	22	?	13	X	X	BOTT
MACKENZIE BAY	S37	69	17.70	137	32.50	74	08	23	23	?	38	X	X	BOTT
MACKENZIE BAY	S38	69	18.00	137	53.90	74	08	24	01	?	39	X	X	BOTT
MACKENZIE BAY	S39	69	18.30	138	14.40	74	08	24	03	?	39	X	X	BOTT
MACKENZIE BAY	S40	69	22.00	138	20.00	74	08	24	15	?	27	X	X	BOTT
MACKENZIE BAY	S40	69	22.00	138	20.00	74	08	24	17	?	27	X	X	BOTT
MACKENZIE BAY	S40	69	22.00	138	20.00	74	08	24	19	?	27	X	X	BOTT
MACKENZIE BAY	S41	69	49.40	135	00.10	74	08	25	14	?	11	X	X	BOTT
MACKENZIE BAY	S42	69	57.30	134	59.80	74	08	25	16	?	22	X	X	BOTT
MACKENZIE BAY	S43	70	00.40	132	55.10	74	08	26	13	?	24	X	X	BOTT
MACKENZIE BAY	S44	69	58.20	132	01.60	74	08	26	16	?	17	X	X	BOTT
TUK. SHELF	S45	70	05.40	131	47.20	74	08	26	20	?	22	X	X	BOTT

TUK. SHELF	S46	70	12.00	131	41.90	74	08	26	21	?	26	X		X	BOTT
TUK. SHELF	S47	70	19.70	131	41.60	74	08	26	23	?	35	X		X	BOTT
TUK. SHELF	S47	70	20.00	131	41.90	74	08	27	00	?	35	X		X	BOTT
TUK. SHELF	S48	70	26.90	131	41.80	74	08	27	02	?	37	X		X	BOTT
TUK. SHELF	S49	70	30.80	131	43.40	74	08	27	03	?	41	X		X	BOTT
TUK. SHELF	S50	70	33.40	131	42.80	74	08	27	15	?	41	X		X	BOTT
TUK. SHELF	S51	70	23.20	131	42.80	74	08	27	17	?	?	X		X	BOTT
TUK. SHELF	S52	69	56.60	133	27.10	74	08	28	02	?	21	X		X	BOTT
MACKENZIE BAY	S52	69	56.60	133	27.10	74	08	28	03	?	21	X		X	BOTT
MACKENZIE BAY	S53	70	04.40	135	01.40	74	08	28	23	?	24	X		X	BOTT
MACKENZIE BAY	S54	70	18.00	135	10.20	74	08	29	04	?	55	X		X	BOTT
MACKENZIE BAY	S54	70	18.00	135	10.20	74	08	29	05	?	55	X		X	BOTT
MACKENZIE BAY	S55	70	08.10	135	34.30	74	08	30	05	?	?	X		X	BOTT
MACKENZIE BAY	S56	69	56.20	135	47.80	74	08	30	13	?	24	X		X	BOTT
MACKENZIE BAY	S56	69	56.20	135	47.90	74	08	30	14	?	24	X		X	BOTT
MACKENZIE BAY	S57	70	21.10	136	36.30	74	08	30	22	?	?	X		X	BOTT
MACKENZIE BAY	S58	70	06.90	136	50.20	74	08	31	05	?	?	X		X	BOTT
MACKENZIE BAY	S59	69	56.20	137	04.70	74	08	31	13	?	44	X		X	BOTT
MACKENZIE BAY	S60	70	05.40	139	08.20	74	09	01	03	?	?	X		X	BOTT
MACKENZIE BAY	S60	70	05.50	139	08.00	74	09	01	04	?	?	X		X	BOTT
MACKENZIE BAY	S61	69	47.40	138	55.70	74	09	01	15	?	97	X		X	BOTT
MACKENZIE BAY	S62	69	44.90	139	36.70	74	09	01	19	?	?	X		X	BOTT
MACKENZIE BAY	S63	69	27.00	138	48.50	74	09	02	00	?	57	X		X	BOTT
MACKENZIE BAY	S64	69	36.30	138	21.00	74	09	02	15	?	128	X		X	BOTT
MACKENZIE BAY	S65	69	32.80	136	58.10	74	09	02	21	?	20	X		X	BOTT
MACKENZIE BAY	S66	69	59.70	135	21.00	74	09	03	02	?	31	X		X	BOTT

BOTTLE/CTD DATA SET NUMBER: 74-0003
YEAR:1974 VESSEL/AGENCY: ARCTICUS,FF SLANEY & CO. LTD.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	07	?	1	2	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	08	?	1	2	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	09	?	1	2	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	10	?	1	2	X		X	YSI		
MACKENZIE BAY	20	69	24.10	135	31.50	74	07	11	?	1	1	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	11	?	1	2	X		X	YSI		
MACKENZIE BAY	25	69	26.50	135	33.40	74	07	11	?	1	2	X		X	YSI		
MACKENZIE BAY	20	69	24.10	135	31.50	74	07	12	?	1	1	X		X	YSI		
MACKENZIE BAY	21	69	27.20	135	51.60	74	07	12	?	1	2	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	12	?	1	2	X		X	YSI		
MACKENZIE BAY	10	69	32.20	135	44.30	74	07	13	?	1	3	X		X	YSI		
MACKENZIE BAY	19	69	30.60	135	37.40	74	07	13	?	1	2	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	13	?	1	2	X		X	YSI		
MACKENZIE BAY	28	69	30.90	135	44.70	74	07	13	?	1	6	X		X	YSI		
MACKENZIE BAY	8	69	32.90	135	56.90	74	07	14	?	1	5	X		X	YSI		
MACKENZIE BAY	21	69	27.20	135	51.60	74	07	14	?	1	2	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	14	?	1	2	X		X	YSI		
MACKENZIE BAY	3	69	32.90	135	56.90	74	07	15	?	1	5	X		X	YSI		
MACKENZIE BAY	11	69	34.10	134	37.70	74	07	15	?	1	1	X		X	YSI		
MACKENZIE BAY	15	69	31.20	134	56.30	74	07	15	?	1	1	X		X	YSI		
MACKENZIE BAY	16	69	37.00	135	10.40	74	07	15	?	1	3	X		X	YSI		
MACKENZIE BAY	18	69	33.80	135	23.50	74	07	15	?	1	2	X		X	YSI		
MACKENZIE BAY	21	69	27.20	135	51.60	74	07	15	?	1	2	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	15	?	1	2	X		X	YSI		
MACKENZIE BAY	27	69	30.20	135	43.30	74	07	15	?	1	2	X		X	YSI		
MACKENZIE BAY	28	69	30.90	135	44.70	74	07	15	?	2	6	X		X	YSI		
MACKENZIE BAY	22	69	25.00	135	52.30	74	07	17	?	1	2	X		X	YSI		
MACKENZIE BAY	27	69	30.20	135	43.30	74	07	17	?	1	2	X		X	YSI		
MACKENZIE BAY	28	69	30.90	135	44.70	74	07	17	?	6	6	X		X	YSI		
MACKENZIE BAY	29	69	28.80	135	47.80	74	07	17	?	1	6	X		X	YSI		
MACKENZIE BAY	20	69	24.10	135	31.50	74	07	18	?	1	1	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	18	?	1	2	X		X	YSI		
MACKENZIE BAY	25	69	26.50	135	33.40	74	07	18	?	1	2	X		X	YSI		
MACKENZIE BAY	27	69	30.20	135	43.30	74	07	19	?	1	2	X		X	YSI		
MACKENZIE BAY	28	69	30.90	135	44.70	74	07	19	?	1	6	X		X	YSI		
MACKENZIE BAY	10	69	32.20	135	44.30	74	07	20	?	1	3	X		X	YSI		
MACKENZIE BAY	19	69	30.60	135	37.40	74	07	20	?	1	2	X		X	YSI		
MACKENZIE BAY	21	69	27.20	135	51.60	74	07	20	?	1	2	X		X	YSI		
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	20	?	1	2	X		X	YSI		
MACKENZIE BAY	27	69	30.20	135	43.30	74	07	20	?	1	2	X		X	YSI		
MACKENZIE BAY	8	69	32.90	135	56.90	74	07	21	?	5	5	X		X	YSI		
MACKENZIE BAY	10	69	32.20	135	44.30	74	07	21	?	3	3	X		X	YSI		

MACKENZIE BAY	16	69	37.00	135	10.40	74	07	21	?	3	3	X	X	YSI
MACKENZIE BAY	18	69	33.80	135	23.50	74	07	21	?	2	2	X	X	YSI
MACKENZIE BAY	13	69	35.90	134	48.70	74	07	22	?	2	2	X	X	YSI
MACKENZIE BAY	14	69	34.10	134	37.70	74	07	22	?	1	1	X	X	YSI
MACKENZIE BAY	15	69	31.20	134	56.30	74	07	22	?	1	1	X	X	YSI
MACKENZIE BAY	56	69	20.20	135	47.20	74	07	22	?	1	?	X	X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	23	?	1	2	X	X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	07	25	?	1	2	X	X	YSI
MACKENZIE BAY	56	69	20.20	135	47.20	74	07	26	?	1	?	X	X	YSI
MACKENZIE BAY	2	69	48.70	133	57.40	74	08	02	?	6	6	X	X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	08	02	?	1	2	X	X	YSI
MACKENZIE BAY	25	69	26.50	135	33.40	74	08	02	?	1	2	X	X	YSI
MACKENZIE BAY	20	69	24.10	135	31.50	74	08	03	?	1	1	X	X	YSI
MACKENZIE BAY	25	69	26.50	135	33.40	74	08	03	?	1	2	X	X	YSI
MACKENZIE BAY	21	69	27.20	135	51.60	74	08	04	?	1	2	X	X	YSI
MACKENZIE BAY	22	69	25.00	135	52.30	74	08	04	?	1	2	X	X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	08	04	?	1	2	X	X	YSI
MACKENZIE BAY	8	69	32.90	135	56.90	74	08	05	?	1	5	X	X	YSI
MACKENZIE BAY	10	69	32.20	135	44.30	74	08	05	?	1	3	X	X	YSI
MACKENZIE BAY	16	69	37.00	135	10.40	74	08	05	?	1	3	X	X	YSI
MACKENZIE BAY	17	69	40.00	135	12.80	74	08	05	?	4	5	X	X	YSI
MACKENZIE BAY	19	69	30.60	135	37.40	74	08	05	?	1	2	X	X	YSI
MACKENZIE BAY	24	69	38.60	135	32.20	74	08	05	?	5	5	X	X	YSI
MACKENZIE BAY	29	69	28.80	135	47.80	74	08	05	?	1	6	X	X	YSI
MACKENZIE BAY	15	69	31.20	134	56.30	74	08	06	?	1	1	X	X	YSI
MACKENZIE BAY	18	69	33.80	135	23.50	74	08	06	?	1	2	X	X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	08	06	?	1	2	X	X	YSI
MACKENZIE BAY	25	69	26.50	135	33.40	74	08	06	?	1	2	X	X	YSI
MACKENZIE BAY	27	69	30.20	135	43.30	74	08	06	?	1	2	X	X	YSI
MACKENZIE BAY	28	69	30.90	135	44.70	74	08	06	?	1	6	X	X	YSI
MACKENZIE BAY	13	69	35.90	134	48.70	74	08	07	?	1	2	X	X	YSI
MACKENZIE BAY	14	69	34.10	134	37.70	74	08	07	?	1	1	X	X	YSI
MACKENZIE BAY	20	69	24.10	135	31.50	74	08	07	?	1	1	X	X	YSI
MACKENZIE BAY	24	69	38.60	135	32.20	74	08	07	?	1	5	X	X	YSI
MACKENZIE BAY	47	69	37.90	135	24.00	74	08	07	?	1	?	X	X	YSI
MACKENZIE BAY	48	69	38.50	135	24.10	74	08	07	?	1	?	X	X	YSI
MACKENZIE BAY	2	69	48.70	133	57.40	74	08	08	?	6	6	X	X	YSI
MACKENZIE BAY	4	69	53.70	134	36.30	74	08	08	?	14	14	X	X	YSI
MACKENZIE BAY	5	69	52.70	135	04.70	74	08	08	?	13	13	X	X	YSI
MACKENZIE BAY	8	69	32.90	135	56.90	74	08	08	?	5	5	X	X	YSI
MACKENZIE BAY	10	69	32.20	135	44.30	74	08	08	?	3	3	X	X	YSI
MACKENZIE BAY	11	69	49.20	134	36.50	74	08	08	?	6	6	X	X	YSI
MACKENZIE BAY	12	69	42.00	134	37.10	74	08	08	?	4	4	X	X	YSI
MACKENZIE BAY	13	69	35.90	134	48.70	74	08	08	?	2	2	X	X	YSI
MACKENZIE BAY	14	69	34.10	134	37.70	74	08	08	?	1	1	X	X	YSI
MACKENZIE BAY	15	69	31.20	134	56.30	74	08	08	?	1	1	X	X	YSI
MACKENZIE BAY	16	69	37.00	135	10.40	74	08	08	?	3	3	X	X	YSI
MACKENZIE BAY	18	69	33.80	135	23.50	74	08	08	?	2	2	X	X	YSI
MACKENZIE BAY	22	69	25.00	135	52.30	74	08	08	?	2	2	X	X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	08	08	?	1	2	X	X	YSI
MACKENZIE BAY	25	69	26.50	135	33.40	74	08	08	?	2	2	X	X	YSI
MACKENZIE BAY	26	69	44.80	134	20.30	74	08	08	?	3	3	X	X	YSI
MACKENZIE BAY	29	69	28.80	135	47.80	74	08	08	?	6	6	X	X	YSI
MACKENZIE BAY	32	69	33.30	135	33.40	74	08	08	?	1	?	X	X	YSI
MACKENZIE BAY	56	69	20.20	135	47.20	74	08	08	?	1	?	X	X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	08	09	?	1	2	X	X	YSI
MACKENZIE BAY	8	69	32.90	135	56.90	74	08	10	?	1	5	X	X	YSI
MACKENZIE BAY	22	69	25.00	135	52.30	74	08	10	?	1	2	X	X	YSI
MACKENZIE BAY	24	69	38.60	135	32.20	74	08	10	?	5	5	X	X	YSI
MACKENZIE BAY	3	69	58.80	134	20.90	74	08	11	?	1	12	X	X	YSI
MACKENZIE BAY	13	69	35.90	134	48.70	74	08	11	?	1	2	X	X	YSI
MACKENZIE BAY	14	69	34.10	134	37.70	74	08	11	?	1	1	X	X	YSI
MACKENZIE BAY	15	69	31.20	134	56.30	74	08	11	?	1	1	X	X	YSI
MACKENZIE BAY	16	69	37.00	135	10.40	74	08	11	?	1	3	X	X	YSI
MACKENZIE BAY	34	69	41.80	134	48.70	74	08	11	?	0	?	X	X	YSI
MACKENZIE BAY	35	69	41.80	134	53.70	74	08	11	?	0	?	X	X	YSI
MACKENZIE BAY	45	69	41.20	134	43.00	74	08	11	?	1	?	X	X	YSI
MACKENZIE BAY	46	69	41.70	134	42.60	74	08	11	?	1	?	X	X	YSI
MACKENZIE BAY	12	69	42.00	134	37.10	74	08	12	?	1	4	X	X	YSI
MACKENZIE BAY	16	69	37.00	135	10.40	74	08	12	?	1	3	X	X	YSI
MACKENZIE BAY	17	69	40.00	135	12.80	74	08	12	?	5	5	X	X	YSI
MACKENZIE BAY	26	69	44.80	134	20.30	74	08	12	?	1	3	X	X	YSI
MACKENZIE BAY	35	69	40.80	134	53.70	74	08	12	?	0	?	X	X	YSI
MACKENZIE BAY	39	69	47.40	134	21.00	74	08	12	?	1	?	X	X	YSI
MACKENZIE BAY	51	69	46.80	134	21.30	74	08	12	?	1	?	X	X	YSI
MACKENZIE BAY	2	69	48.70	133	57.40	74	08	13	?	1	6	X	X	YSI
MACKENZIE BAY	11	69	49.20	134	36.50	74	08	13	?	1	6	X	X	YSI
MACKENZIE BAY	43	69	30.80	135	42.00	74	08	13	?	1	?	X	X	YSI
MACKENZIE BAY	10	69	32.20	135	44.30	74	08	14	?	1	3	X	X	YSI
MACKENZIE BAY	18	69	33.80	135	23.50	74	08	14	?	1	2	X	X	YSI
MACKENZIE BAY	27	69	30.20	135	43.30	74	08	14	?	1	2	X	X	YSI
MACKENZIE BAY	28	69	30.90	135	44.70	74	08	14	?	1	6	X	X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	08	18	?	1	2	X	X	YSI

MACKENZIE BAY	23	69	18.60	135	37.60	74	08	21	?	1	2	X		X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	08	23	?	1	2	X		X	YSI
MACKENZIE BAY	10	69	32.20	135	44.30	74	08	24	?	3	3	X		X	YSI
MACKENZIE BAY	22	69	25.00	135	52.30	74	08	24	?	1	2	X		X	YSI
MACKENZIE BAY	2	69	48.70	133	57.40	74	08	26	?	6	6	X		X	YSI
MACKENZIE BAY	3	69	58.80	134	20.90	74	08	26	?	12	12	X		X	YSI
MACKENZIE BAY	4	69	53.70	134	36.30	74	08	26	?	14	14	X		X	YSI
MACKENZIE BAY	5	69	52.70	135	04.70	74	08	26	?	13	13	X		X	YSI
MACKENZIE BAY	6	69	50.10	135	35.00	74	08	26	?	14	14	X		X	YSI
MACKENZIE BAY	7	69	48.10	136	01.10	74	08	26	?	12	12	X		X	YSI
MACKENZIE BAY	8	69	32.90	135	56.90	74	08	26	?	5	5	X		X	YSI
MACKENZIE BAY	10	69	32.20	135	44.30	74	08	26	?	3	3	X		X	YSI
MACKENZIE BAY	11	69	49.20	134	36.50	74	08	26	?	6	6	X		X	YSI
MACKENZIE BAY	12	69	42.00	134	37.10	74	08	26	?	1	4	X		X	YSI
MACKENZIE BAY	13	69	35.90	134	48.70	74	08	26	?	2	2	X		X	YSI
MACKENZIE BAY	14	69	34.10	134	37.70	74	08	26	?	1	1	X		X	YSI
MACKENZIE BAY	15	69	31.20	134	56.30	74	08	26	?	1	1	X		X	YSI
MACKENZIE BAY	16	69	37.00	135	10.40	74	08	26	?	3	3	X		X	YSI
MACKENZIE BAY	17	69	40.00	135	12.80	74	08	26	?	5	5	X		X	YSI
MACKENZIE BAY	18	69	33.80	135	23.50	74	08	26	?	2	2	X		X	YSI
MACKENZIE BAY	19	69	30.60	135	37.40	74	08	26	?	2	2	X		X	YSI
MACKENZIE BAY	22	69	25.00	135	52.30	74	08	26	?	1	2	X		X	YSI
MACKENZIE BAY	26	69	44.80	134	20.30	74	08	26	?	3	3	X		X	YSI
MACKENZIE BAY	8	69	32.90	135	56.90	74	08	28	?	1	5	X		X	YSI
MACKENZIE BAY	25	69	26.50	135	33.40	74	08	28	?	1	2	X		X	YSI
MACKENZIE BAY	27	69	30.20	135	43.30	74	08	28	?	2	2	X		X	YSI
MACKENZIE BAY	28	69	30.90	135	44.70	74	08	28	?	1	6	X		X	YSI
MACKENZIE BAY	10	69	32.20	135	44.30	74	08	29	?	1	3	X		X	YSI
MACKENZIE BAY	19	69	30.60	135	37.40	74	08	29	?	1	2	X		X	YSI
MACKENZIE BAY	21	69	27.20	135	51.60	74	08	29	?	1	2	X		X	YSI
MACKENZIE BAY	20	69	24.10	135	31.50	74	08	30	?	1	1	X		X	YSI
MACKENZIE BAY	22	69	25.00	135	52.30	74	08	30	?	1	2	X		X	YSI
MACKENZIE BAY	5	69	52.70	135	04.70	74	09	01	?	1	13	X		X	YSI
MACKENZIE BAY	18	69	33.80	135	23.50	74	09	01	?	1	2	X		X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	09	03	?	1	2	X		X	YSI
MACKENZIE BAY	17	69	40.00	135	12.80	74	09	07	?	1	5	X		X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	09	07	?	1	2	X		X	YSI
MACKENZIE BAY	24	69	38.60	135	32.20	74	09	07	?	1	5	X		X	YSI
MACKENZIE BAY	16	69	37.00	135	10.40	74	09	08	?	1	3	X		X	YSI
MACKENZIE BAY	12	69	42.00	134	37.10	74	09	09	?	1	4	X		X	YSI
MACKENZIE BAY	26	69	44.80	134	20.30	74	09	09	?	3	3	X		X	YSI
MACKENZIE BAY	18	69	33.80	135	23.50	74	09	10	?	1	2	X		X	YSI
MACKENZIE BAY	21	69	27.20	135	51.60	74	09	10	?	1	2	X		X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	09	26	?	1	2	X		X	YSI
MACKENZIE BAY	23	69	18.60	135	37.60	74	09	27	?	1	2	X		X	YSI
MACKENZIE BAY	25	69	26.50	135	33.40	74	09	28	?	1	2	X		X	YSI
MACKENZIE BAY	27	69	30.20	135	43.30	74	09	28	?	1	2	X		X	YSI
MACKENZIE BAY	34	69	41.80	134	48.70	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	38	69	45.30	134	22.90	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	40	69	26.70	135	05.70	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	43	69	30.80	135	42.00	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	44	69	31.20	135	42.50	74	09	28	?	2	?	X		X	YSI
MACKENZIE BAY	49	69	37.00	135	19.10	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	50	69	37.80	135	22.30	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	52	69	46.30	134	17.40	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	53	69	46.80	134	16.90	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	54	69	47.40	134	23.00	74	09	28	?	1	?	X		X	YSI
MACKENZIE BAY	33	69	42.20	134	48.90	74	09	29	?	0	?	X		X	YSI
MACKENZIE BAY	33	69	42.20	134	48.90	74	09	29	?	1	?	X		X	YSI
MACKENZIE BAY	55	69	29.90	134	12.00	74	09	29	?	1	?	X		X	YSI
MACKENZIE BAY	60	69	36.60	135	18.80	74	09	29	?	1	?	X		X	YSI

BOTTLE/CTD DATA SET NUMBER: 74-0007A
YEAR:1974 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA	14	70	09.00	133	24.00	74	07	14	19	32	34	X		X	BOTT		
BEAUFORT SEA	9	71	22.00	130	24.00	74	07	25	20	110	111	X		X	BOTT		
BEAUFORT SEA	12	71	02.00	133	56.00	74	07	29	19	260	267	X		X	BOTT		
BEAUFORT SEA	29	70	17.00	136	26.00	74	08	02	19	50	52	X		X	BOTT		
BEAUFORT SEA	30	69	55.00	136	12.00	74	08	02	23	24	25	X		X	BOTT		
BEAUFORT SEA	22	69	46.00	138	52.00	74	08	12	19	75	79	X		X	BOTT		

BEAUFORT SEA	544	70	33.40	131	42.80	74	08	27	15	35	41	X		X	BOTT		
BEAUFORT SEA	545	70	23.20	131	42.00	74	08	27	17	35	37	X		X	BOTT		
BEAUFORT SEA	546	69	56.60	133	27.10	74	08	28	03	18	21	X		X	BOTT		
BEAUFORT SEA	547	70	18.00	134	10.20	74	08	29	05	50	55	X		X	BOTT		
BEAUFORT SEA	548	70	08.10	135	34.30	74	08	30	05	40	44	X		X	BOTT		
BEAUFORT SEA	549	69	56.20	135	47.80	74	08	30	13	20	20	X		X	BOTT		
BEAUFORT SEA	550	70	21.20	136	36.30	74	08	30	22	35	58	X		X	BOTT		
BEAUFORT SEA	551	70	06.10	136	50.20	74	08	31	05	35	40	X		X	BOTT		
BEAUFORT SEA	552	69	56.20	137	04.70	74	08	31	14	40	43	X		X	BOTT		
BEAUFORT SEA	553	70	05.40	139	08.20	74	09	01	03	200	202	X		X	BOTT		
BEAUFORT SEA	554	69	47.40	138	55.70	74	09	01	15	90	97	X		X	BOTT		
BEAUFORT SEA	555	69	44.90	139	36.70	74	09	01	19	26	30	X		X	BOTT		
BEAUFORT SEA	556	69	27.00	138	48.50	74	09	02	00	50	55	X		X	BOTT		
BEAUFORT SEA	559	69	59.70	135	21.00	74	09	02	02	29	31	X		X	BOTT		
BEAUFORT SEA	557	69	36.30	138	21.00	74	09	02	15	120	126	X		X	BOTT		
BEAUFORT SEA	558	69	32.80	136	58.10	74	09	02	19	18	20	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0007B
YEAR:1974 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MACKENZIE BAY	001	69	39.00	133	02.00	74	03	24	?	4	?	X		X	YSI		
MACKENZIE BAY	002	69	41.00	133	07.00	74	03	28	?	4	?	X		X	YSI		
MACKENZIE BAY	003	69	43.00	133	12.00	74	03	28	?	5	?	X		X	YSI		
MACKENZIE BAY	004	69	45.00	133	12.00	74	04	01	?	6	?	X		X	YSI		
KUGMALLIT BAY	001	69	33.95	133	06.33	74	07	17	?	1	?	X		X	YSI		
KUGMALLIT BAY	001	69	33.55	132	59.60	74	07	22	?	0	?	X		X	YSI		
KUGMALLIT BAY	002	69	34.13	133	11.65	74	07	27	?	1	?	X		X	YSI		
KUGMALLIT BAY	003	69	26.10	133	00.30	74	07	28	?	10	?	X		X	YSI		
KUGMALLIT BAY	004	69	34.55	133	00.35	74	07	29	?	0	?	X		X	YSI		
MACKENZIE BAY	005	69	36.10	132	59.10	74	07	29	?	0	?	X		X	YSI		
KUGMALLIT BAY	006	69	36.35	132	58.30	74	07	29	?	0	?	X		X	YSI		
KUGMALLIT BAY	003	69	41.00	132	48.67	74	07	31	?	1	?	X		X	YSI		
KUGMALLIT BAY	001	69	33.55	132	59.60	74	08	05	?	0	?	X		X	YSI		
MACKENZIE BAY	005	69	49.00	138	25.00	74	08	15	?	0	?			X	BOTT		
KUGMALLIT BAY	007	69	43.57	132	30.67	74	08	15	?	0	?			X	BOTT		
KUGMALLIT BAY	009	69	45.75	132	13.50	74	08	21	?	0	?			X	BOTT		
KUGMALLIT BAY	010	69	45.17	132	13.50	74	08	21	?	0	?			X	BOTT		
MACKENZIE BAY	010	69	30.00	138	40.00	74	08	22	?	0	?			X	BOTT		
MACKENZIE BAY	011	69	27.00	138	25.00	74	08	22	?	0	?			X	BOTT		
MACKENZIE BAY	012	69	27.00	138	00.00	74	08	22	?	0	?			X	BOTT		
MACKENZIE BAY	013	69	27.00	137	20.00	74	08	22	?	0	?			X	BOTT		
MACKENZIE BAY	014	69	29.00	137	29.00	74	08	22	?	0	?			X	BOTT		
MACKENZIE BAY	015	69	30.00	137	20.00	74	08	23	?	0	?			X	BOTT		
MACKENZIE BAY	016	69	30.00	136	45.00	74	08	23	?	0	?			X	BOTT		
MACKENZIE BAY	017	69	23.00	136	50.00	74	08	23	?	0	?			X	BOTT		
MACKENZIE BAY	018	69	17.00	137	10.00	74	08	23	?	0	?			X	BOTT		
MACKENZIE BAY	019	69	17.00	137	33.00	74	08	23	?	0	?			X	BOTT		
MACKENZIE BAY	020	69	16.00	138	52.00	74	08	23	?	0	?			X	BOTT		
MACKENZIE BAY	021	69	18.00	138	10.00	74	08	23	?	0	?			X	BOTT		
KUGMALLIT BAY	009	69	26.60	132	59.00	74	08	24	?	2	?	X		X	YSI		
MACKENZIE BAY	022	69	31.00	137	14.00	74	08	24	?	0	?			X	BOTT		
TUK. SHELF	023	69	49.00	135	00.00	74	08	25	?	0	?			X	BOTT		
TUK. SHELF	024	69	53.00	135	00.00	74	08	25	?	0	?			X	BOTT		
TUK. SHELF	025	69	48.00	133	29.00	74	08	25	?	0	?			X	BOTT		
TUK. SHELF	011	69	58.50	131	18.35	74	08	26	?	0	?			X	BOTT		
TUK. SHELF	026	70	01.00	133	00.00	74	08	26	?	0	?			X	BOTT		
TUK. SHELF	027	69	58.00	132	05.00	74	08	26	?	0	?			X	BOTT		
TUK. SHELF	028	69	57.00	132	00.00	74	08	26	?	0	?			X	BOTT		
TUK. SHELF	029	70	12.00	131	50.00	74	08	26	?	0	?			X	BOTT		
TUK. SHELF	030	70	27.00	131	51.00	74	08	26	?	0	?			X	BOTT		
TUK. SHELF	004	69	52.67	131	36.67	74	08	27	?	1	?			X	BOTT		
TUK. SHELF	031	69	45.00	138	39.00	74	08	31	?	0	?			X	BOTT		
TUK. SHELF	032	69	27.00	138	55.00	74	09	01	?	0	?			X	BOTT		
TUK. SHELF	033	69	36.00	138	14.00	74	09	02	?	0	?			X	BOTT		
TUK. SHELF	006	69	38.07	132	50.90	74	09	06	?	1	?			X	BOTT		
TUK. SHELF	013	69	38.48	132	50.93	74	09	07	?	0	?			X	BOTT		
KUGMALLIT BAY	001	69	33.95	133	06.33	74	12	01	?	2	?	X			YSI		
KUGMALLIT BAY	562	69	35.00	133	05.00	74	12	01	00	2	5	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0008
YEAR: 1974 VESSEL/AGENCY: THETA, IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA	1	69	40.60	137	11.30	74	08	12	01	40	48	X		X	BOTT		
BEAUFORT SEA	2	70	07.30	134	37.10	74	08	13	00	25	30	X		X	BOTT		
BEAUFORT SEA	7	70	07.20	134	20.70	74	08	14	15	25	30	X		X	BOTT		
BEAUFORT SEA	11	69	36.00	137	41.00	74	08	17	00	55	64	X		X	BOTT		
BEAUFORT SEA	11	69	36.00	137	41.00	74	08	17	06	55	64	X		X	BOTT		
BEAUFORT SEA	11	69	36.00	137	41.00	74	08	17	12	55	64	X		X	BOTT		
BEAUFORT SEA	11	69	36.00	137	41.00	74	08	17	18	55	64	X		X	BOTT		
BEAUFORT SEA	11	69	36.00	137	41.00	74	08	17	19	55	64	X		X	BOTT		
BEAUFORT SEA	13	69	48.60	138	23.10	74	08	18	20	175	191	X		X	BOTT		
BEAUFORT SEA	19	69	18.50	138	05.40	74	08	19	03	35	42	X		X	BOTT		
BEAUFORT SEA	20	69	26.70	138	48.90	74	08	21	20	65	70	X		X	BOTT		
BEAUFORT SEA	23	69	30.90	138	38.00	74	08	22	18	12	15	X		X	BOTT		
BEAUFORT SEA	25	69	28.60	138	00.20	74	08	23	02	60	65	X		X	BOTT		
BEAUFORT SEA	28	69	29.50	137	10.30	74	08	23	15	30	43	X		X	BOTT		
BEAUFORT SEA	36	69	18.10	137	10.60	74	08	23	22	9	9	X		X	BOTT		
BEAUFORT SEA	38	69	18.00	137	53.50	74	08	24	02	30	35	X		X	BOTT		
BEAUFORT SEA	41	69	49.20	135	00.10	74	08	25	14	9	11	X		X	BOTT		
BEAUFORT SEA	42	69	57.20	134	59.50	74	08	25	19	15	19	X		X	BOTT		
BEAUFORT SEA	43	70	00.30	134	55.00	74	08	26	06	24	24	X		X	BOTT		
BEAUFORT SEA	44	69	58.20	132	01.60	74	08	26	17	13	13	X		X	BOTT		
BEAUFORT SEA	46	70	12.00	131	41.80	74	08	26	22	20	22	X		X	BOTT		
BEAUFORT SEA	48	70	26.50	131	41.50	74	08	27	02	30	33	X		X	BOTT		
BEAUFORT SEA	51	70	24.50	131	40.90	74	08	27	19	35	35	X		X	BOTT		
BEAUFORT SEA	54	70	09.10	134	51.40	74	08	29	05	50	51	X		X	BOTT		
BEAUFORT SEA	55	70	06.70	135	29.30	74	08	30	06	35	42	X		X	BOTT		
BEAUFORT SEA	56	69	56.20	135	47.80	74	08	30	16	20	20	X		X	BOTT		
BEAUFORT SEA	57	70	31.50	137	35.70	74	08	30	23	55	57	X		X	BOTT		
BEAUFORT SEA	60	70	05.50	139	08.00	74	09	01	05	200	205	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0010A
YEAR: 1974 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ESKIMO LAKES	515	69	32.00	131	11.00	74	03	01	22	40	48	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	74	03	02	21	10	15	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	74	05	25	00	17	18	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	74	05	25	21	27	28	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0010B
YEAR: 1974 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ESKIMO LAKES	515	69	32.00	131	11.00	74	06	20	22	37	38	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0010C
YEAR:1974 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
ESKIMO LAKES	508	69	34.80	131	18.00	74	07	02	23	23	24	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	74	07	12	01	20	24	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	74	07	12	19	30	34	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	74	07	16	17	40	57	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	74	07	17	16	25	29	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	74	07	17	21	19	20	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	74	07	22	16	40	47	X		X	BOTT	
ESKIMO LAKES	507	69	34.50	131	15.00	74	07	27	?	?	?	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	74	07	27	16	37	38	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	74	07	27	19	20	20	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	74	07	30	15	40	42	X		X	BOTT	
ESKIMO LAKES	517	69	32.00	130	40.00	74	07	31	17	5	6	X		X	BOTT	
ESKIMO LAKES	560	69	44.00	130	32.00	74	07	31	23	7	10	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	74	08	03	14	40	43	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	74	08	03	18	20	20	X		X	BOTT	
ESKIMO LAKES	507	69	34.50	131	15.00	74	08	05	?	2	?	X		X	BOTT	
ESKIMO LAKES	520	69	30.00	131	39.00	74	08	07	18	60	61	X		X	BOTT	
ESKIMO LAKES	523	69	17.00	132	14.00	74	08	07	22	20	22	X		X	BOTT	
ESKIMO LAKES	561	69	37.00	131	02.00	74	08	08	?	2	2	X		X	BOTT	
ESKIMO LAKES	517	69	32.00	130	40.00	74	08	08	17	5	6	X		X	BOTT	
ESKIMO LAKES	560	69	44.00	130	32.00	74	08	08	20	10	10	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	74	08	09	00	50	55	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	74	08	09	15	40	46	X		X	BOTT	
ESKIMO LAKES	520	69	30.00	131	39.00	74	08	14	21	60	63	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	74	08	15	15	20	22	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	74	08	17	15	50	54	X		X	BOTT	
ESKIMO LAKES	560	69	44.00	130	32.00	74	08	17	19	7	9	X		X	BOTT	
ESKIMO LAKES	515	69	32.00	131	11.00	74	08	19	16	38	40	X		X	BOTT	
ESKIMO LAKES	520	69	30.00	131	39.00	74	08	20	17	60	65	X		X	BOTT	
ESKIMO LAKES	508	69	34.80	131	18.00	74	08	22	15	20	24	X		X	BOTT	
ESKIMO LAKES	560	69	44.00	130	32.00	74	08	22	19	7	9	X		X	BOTT	
ESKIMO LAKES	510	69	36.50	131	04.00	74	08	23	16	50	55	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 74-0011
YEAR:1974 VESSEL/AGENCY: AQ.ENV.LTD.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
YUKON SHELF	A	69	33.40	139	33.00	74	07	08	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	07	08	?	1	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	07	12	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	07	12	?	0	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	07	20	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	07	29	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	07	29	?	0	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	08	01	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	08	06	?	0	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	08	08	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	08	08	?	0	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	08	13	?	0	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	08	18	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	08	18	?	0	?	X		X	YSI	
YUKON SHELF	C	69	36.00	139	33.00	74	08	25	?	5	?	X		X	YSI	
YUKON SHELF	C	69	36.00	139	33.00	74	08	25	?	12	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	08	26	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	08	26	?	0	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	09	08	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	09	08	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	09	09	?	0	?	X		X	YSI	
YUKON SHELF	A	69	33.40	139	33.00	74	09	21	?	0	?	X		X	YSI	
YUKON SHELF	B	69	33.50	139	33.00	74	09	21	?	0	?	X		X	YSI	

BOTTLE/CTD DATA SET NUMBER: 74-0019
YEAR:1974 VESSEL/AGENCY: FF SLANEY & CO. LTD.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY	P01	69	34.50	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P02	69	34.30	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P03	69	34.20	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P04	69	34.10	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P05	69	34.10	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P06	69	34.00	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P07	69	34.00	135	23.50	74	02	?	?	0	0	X		X	YSI		
MACKENZIE BAY	P08	69	33.80	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P09	69	33.70	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P10	69	34.10	135	25.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P11	69	34.10	135	24.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P12	69	34.10	135	24.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P13	69	34.10	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P14	69	34.10	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P15	69	34.10	135	23.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P16	69	34.10	135	23.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	P17	69	34.10	135	22.50	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	U11	69	35.00	134	39.00	74	02	?	?	0	0	X		X	YSI		
MACKENZIE BAY	U12	69	35.80	134	40.00	74	02	?	?	0	0	X		X	YSI		
MACKENZIE BAY	U13	69	36.50	134	41.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	U14	69	37.30	134	42.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	U15	69	38.20	134	43.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	U16	69	39.00	134	44.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	U17	69	39.80	134	45.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	U19	69	32.70	134	42.00	74	02	?	?	1	1	X		X	YSI		
MACKENZIE BAY	U20	69	32.20	134	44.00	74	02	?	?	0	0	X		X	YSI		
MACKENZIE BAY	U21	69	31.50	134	44.50	74	02	?	?	0	0	X		X	YSI		
MACKENZIE BAY	101	69	33.30	135	22.50	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	103	69	33.30	135	24.20	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	105	69	33.30	135	25.90	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	107	69	33.20	135	27.50	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	109	69	33.20	135	29.20	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	111	69	33.20	135	31.00	74	03	?	?	0	0	X		X	YSI		
MACKENZIE BAY	113	69	32.30	135	30.00	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	115	69	32.60	135	28.80	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	117	69	33.00	135	27.50	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	119	69	33.50	135	26.00	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	309	69	36.40	135	24.00	74	03	?	?	3	3	X		X	YSI		
MACKENZIE BAY	313	69	38.10	135	23.50	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	314	69	38.50	135	23.20	74	03	?	?	4	4	X		X	YSI		
MACKENZIE BAY	315	69	38.80	135	23.00	74	03	?	?	3	4	X		X	YSI		
MACKENZIE BAY	317	69	38.60	135	24.50	74	03	?	?	2	2	X		X	YSI		
MACKENZIE BAY	404	69	36.10	135	17.90	74	03	?	?	9	0	X		X	YSI		
MACKENZIE BAY	406	69	36.20	135	16.50	74	03	?	?	9	0	X		X	YSI		
MACKENZIE BAY	408	69	36.80	135	14.60	74	03	?	?	2	2	X		X	YSI		
MACKENZIE BAY	410	69	37.20	135	13.30	74	03	?	?	2	2	X		X	YSI		
MACKENZIE BAY	412	69	37.10	135	15.20	74	03	?	?	2	2	X		X	YSI		
MACKENZIE BAY	414	69	37.50	135	16.50	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	416	69	35.70	135	18.50	74	03	?	?	1	1	X		X	YSI		
MACKENZIE BAY	418	69	35.00	135	20.60	74	03	?	?	0	0	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 74-0021
YEAR:1974 VESSEL/AGENCY: DEPT. ENV.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY	I	69	07.00	137	37.00	74	04	?	?	6	6	X		X	YSI		
MACKENZIE BAY	V	69	02.00	137	26.00	74	04	?	?	4	4	X		X	YSI		
MACKENZIE BAY	II	69	23.00	138	43.00	74	04	?	?	11	11	X		X	YSI		
MACKENZIE BAY	VI	69	07.50	137	59.00	74	04	?	?	15	18	X		X	YSI		
MACKENZIE BAY	III	69	31.50	138	56.00	74	04	?	?	15	50	X		X	YSI		
MACKENZIE BAY	2	69	12.00	138	27.00	74	07	07	?	0	?	X		X	YSI		

MACKENZIE BAY	9	69	12.50	137	22.00	74	07	15	?	0	?	X		X	YSI
MACKENZIE BAY	6	69	06.50	137	37.00	74	07	16	?	0	?	X		X	YSI
MACKENZIE BAY	1	69	15.00	138	31.00	74	07	17	?	0	?	X		X	YSI
MACKENZIE BAY	8	69	07.00	137	41.00	74	07	18	?	0	?	X		X	YSI
MACKENZIE BAY	114	69	06.50	137	58.00	74	07	30	?	0	?	X		X	YSI
MACKENZIE BAY	30	69	20.50	138	56.00	74	07	31	?	0	?	X		X	YSI
MACKENZIE BAY	104	69	00.00	137	19.00	74	08	08	?	0	?	X		X	YSI
MACKENZIE BAY	112	69	04.50	137	46.00	74	08	15	?	0	?	X		X	YSI
MACKENZIE BAY	41	69	18.00	138	25.00	74	08	16	?	0	?	X		X	YSI
MACKENZIE BAY	31	69	34.00	138	55.00	74	08	24	?	0	?	X		X	YSI
MACKENZIE BAY	36	69	26.00	139	03.00	74	09	02	?	0	?	X		X	YSI
MACKENZIE BAY	45	69	29.00	138	52.00	74	09	04	?	0	?	X		X	YSI

BOTTLE/CTD DATA SET NUMBER: 74-0022
YEAR:1974 VESSEL/AGENCY: AQ.ENV.LTD.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MACKENZIE DLTA	2	68	47.00	136	32.00	74	10	01	?	0	3	X		X	BOTT		
MACKENZIE DLTA	7	68	49.00	136	06.00	74	10	01	?	0	4	X		X	BOTT		
MACKENZIE DLTA	21	69	02.00	135	00.00	74	10	04	?	0	4	X		X	BOTT		
MACKENZIE DLTA	28	69	01.00	134	40.00	74	10	04	?	0	3	X		X	BOTT		
MACKENZIE DLTA	16	68	58.00	135	22.00	74	11	04	?	0	2	X		X	BOTT		
MACKENZIE DLTA	30	68	57.00	134	48.00	74	11	05	?	0	2	X		X	BOTT		
MACKENZIE DLTA	18	69	00.50	135	09.00	74	11	06	?	0	2	X		X	BOTT		
MACKENZIE DLTA	22	69	02.00	134	58.00	74	11	06	?	0	3	X		X	BOTT		
MACKENZIE DLTA	14	68	57.00	135	30.00	74	11	07	?	0	9	X		X	BOTT		
MACKENZIE DLTA	8	68	49.00	136	03.00	74	11	08	?	0	3	X		X	BOTT		
MACKENZIE DLTA	2	68	47.00	136	32.00	74	11	09	?	0	3	X		X	BOTT		
MACKENZIE DLTA	27	69	05.00	134	46.00	74	11	11	?	0	0	X		X	BOTT		
MACKENZIE DLTA	28	69	01.00	134	40.00	74	11	11	?	0	3	X		X	BOTT		
MACKENZIE DLTA	20	69	03.00	135	05.00	75	04	02	?	0	7	X		X	BOTT		
MACKENZIE DLTA	25	69	06.00	134	54.00	75	04	02	?	0	1	X		X	BOTT		
MACKENZIE DLTA	26	69	04.00	134	47.00	75	04	02	?	0	2	X		X	BOTT		
MACKENZIE DLTA	29	69	05.50	134	26.00	75	04	02	?	0	10	X		X	BOTT		
MACKENZIE DLTA	19	69	02.00	135	10.00	75	04	03	?	0	2	X		X	BOTT		
MACKENZIE DLTA	14	68	57.00	135	30.00	75	04	04	?	0	3	X		X	BOTT		
MACKENZIE DLTA	15	68	58.50	135	23.00	75	04	04	?	0	1	X		X	BOTT		
MACKENZIE DLTA	17	68	58.00	135	19.00	75	04	04	?	0	2	X		X	BOTT		
MACKENZIE DLTA	18	69	00.50	135	09.00	75	04	04	?	0	0	X		X	BOTT		
MACKENZIE DLTA	1	68	47.00	136	42.00	75	04	05	?	0	2	X		X	BOTT		
MACKENZIE DLTA	2	68	47.00	136	32.00	75	04	05	?	0	2	X		X	BOTT		
MACKENZIE DLTA	4	68	49.00	136	11.00	75	04	05	?	0	0	X		X	BOTT		
MACKENZIE DLTA	7	68	49.00	136	06.00	75	04	05	?	0	1	X		X	BOTT		
MACKENZIE DLTA	8	69	49.00	136	03.00	75	04	05	?	0	2	X		X	BOTT		
MACKENZIE DLTA	9	68	51.00	135	58.00	75	04	05	?	0	0	X		X	BOTT		
MACKENZIE DLTA	10	68	52.00	135	55.00	75	04	05	?	0	0	X		X	BOTT		
MACKENZIE DLTA	24	69	04.50	134	54.00	75	04	05	?	0	4	X		X	BOTT		
MACKENZIE DLTA	30	68	57.00	134	48.00	75	04	05	?	0	0	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0027A
YEAR:1974 VESSEL/AGENCY: NORCOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BALAENA BAY		70	02.	124	54.	74	08	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	74	09	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	74	10	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	74	11	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	74	12	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	75	01	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	75	02	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	75	03	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	75	04	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	75	05	?	?	?	?				?		

BALAENA BAY		70	02.	124	54.	75	06	?	?	?	?				?		
BALAENA BAY		70	02.	124	54.	75	07	?	?	?	?				?		

BOTTLE/CTD DATA SET NUMBER: 74-0027B
YEAR:1974 VESSEL/AGENCY: BEAUF.SEA PROJ.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
FRANKLIN BAY		70	02.	124	54.	74	09	10	?	?	?	X		X	HYDR		

BOTTLE/CTD DATA SET NUMBER: 75-0001
YEAR:1975 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA	S01	73	43.00	124	56.00	75	03	16	21	28	28	X		X	CTD		
BEAUFORT SEA	S02	73	43.00	124	56.00	75	03	17	19	25	28	X		X	CTD		
BEAUFORT SEA	S04	73	43.00	126	35.00	75	03	17	20	90	110	X		X	CTD		
BEAUFORT SEA	S03	73	43.00	125	49.00	75	03	17	21	68	68	X		X	CTD		
BEAUFORT SEA	S05	73	43.00	127	29.00	75	03	17	21	90	110	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	01	?	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	04	90	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	05	74	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	06	86	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	07	86	220	[illegible]		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	08	83	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	09	85	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	10	90	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	11	90	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	12	90	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	13	82	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	13	78	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	15	82	220	X		X	CTD		
BEAUFORT SEA	S0A	71	39.00	126	11.00	75	03	20	19	?	220	X		X	CTD		
BEAUFORT SEA	S06	71	46.00	126	34.00	75	03	21	23	90	?	X		X	CTD		
BEAUFORT SEA	S07	71	17.00	127	34.00	75	03	22	00	90	?	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	00	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	00	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	02	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	03	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	04	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	05	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	06	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	07	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	08	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	09	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	10	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	11	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	12	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	13	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	14	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	15	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	16	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	17	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	18	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	18	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	20	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	21	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	22	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	26	23	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	00	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	01	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	02	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	03	?	21	X		X	CTD		
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	04	?	21	X		X	CTD		

BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	05	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	06	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	07	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	15	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	16	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	17	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	18	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	19	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	20	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	21	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	21	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	27	23	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	28	00	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	28	01	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	28	02	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	28	03	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	28	04	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	28	05	?	21	X	X CTD
BEAUFORT SEA	S0B	69	56.80	133	25.00	75	04	28	14	?	21	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	05	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	06	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	07	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	08	?	76	X	X CTD
BEAUFORT SEA	S0C	69	35.00	133	58.00	75	05	01	09	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	10	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	11	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	12	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	13	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	14	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	15	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	16	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	17	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	18	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	19	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	20	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	21	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	22	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	01	23	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	00	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	01	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	02	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	03	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	04	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	05	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	07	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	09	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	10	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	11	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	12	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	13	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	14	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	15	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	16	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	17	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	18	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	19	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	20	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	21	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	22	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	02	23	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	00	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	01	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	02	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	03	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	04	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	05	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	06	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	14	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	15	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	17	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	19	?	76	X	X CTD
BEAUFORT SEA	S0C	69	36.70	137	58.10	75	05	03	21	?	76	X	X CTD
BEAUFORT SEA	S21	70	06.50	131	21.00	75	05	05	22	?	16	X	X CTD
BEAUFORT SEA	S22	70	25.20	131	53.00	75	05	05	22	?	35	X	X CTD
BEAUFORT SEA	S23	70	25.20	132	18.20	75	05	06	00	?	35	X	X CTD
BEAUFORT SEA	S24	70	13.20	132	44.20	75	05	06	00	?	31	X	X CTD
BEAUFORT SEA	S25	69	58.60	132	56.60	75	05	06	01	?	18	X	X CTD
BEAUFORT SEA	S26	69	59.30	133	10.00	75	05	09	20	?	21	X	X CTD
BEAUFORT SEA	S27	70	22.80	133	24.30	75	05	09	20	?	49	X	X CTD
BEAUFORT SEA	S28	70	43.80	133	26.80	75	05	09	21	?	60	X	X CTD
BEAUFORT SEA	S29	71	09.20	133	32.50	75	05	09	22	?	86	X	X CTD
BEAUFORT SEA	S30	71	18.30	134	45.30	75	05	09	23	?	900	X	X CTD
BEAUFORT SEA	S31	70	44.10	134	44.80	75	05	10	00	?	56	X	X CTD

BEAUFORT SEA	S32	70	21.30	134	36.80	75	05	10	01	?	41	X		X	CTD		
BEAUFORT SEA	S33	70	06.60	134	29.40	75	05	10	01	?	21	X		X	CTD		
BEAUFORT SEA	S34	69	51.40	134	08.80	75	05	10	02	?	6	X		X	CTD		
BEAUFORT SEA	S35	69	38.70	137	05.00	75	05	10	16	?	34	X		X	CTD		
BEAUFORT SEA	S36	69	52.30	137	02.60	75	05	10	17	?	35	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 75-0002
YEAR:1975 VESSEL/AGENCY: PANDORA II,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TUK. SHELF	S02	70	40.90	134	45.20	75	08	05	19	?	50	X		X	GLDL		
TUK. SHELF	S03	69	57.70	135	16.00	75	08	06	19	?	20	X		X	GLDL		
TUK. SHELF	S04	70	53.20	132	28.00	75	08	07	17	?	50	X		X	GLDL		
TUK. SHELF	S05	71	18.90	130	36.50	75	08	08	02	?	50	X		X	GLDL		
TUK. SHELF	S06	70	09.20	132	14.60	75	08	08	15	?	20	X		X	GLDL		
TUK. SHELF	S07	69	34.20	138	55.00	75	08	10	00	?	7	X		X	GLDL		
TUK. SHELF	S07	69	34.20	138	55.00	75	08	10	00	?	7	X		X	GLDL		
TUK. SHELF	S07	69	34.20	138	55.00	75	08	10	00	?	10	X		X	GLDL		
TUK. SHELF	S07	69	34.20	138	55.00	75	08	10	21	?	7	X		X	GLDL		
TUK. SHELF	S07	69	34.20	138	55.00	75	08	10	21	?	7	X		X	GLDL		
TUK. SHELF	S08	69	22.00	137	30.00	75	08	11	15	?	15	X		X	GLDL		
TUK. SHELF	S08	69	22.00	137	30.00	75	08	11	15	?	15	X		X	GLDL		
TUK. SHELF	S09	70	03.90	137	41.50	75	08	13	00	?	75	X		X	GLDL		
TUK. SHELF	S10	70	07.30	137	20.50	75	08	13	06	?	30	X		X	GLDL		
TUK. SHELF	S11	69	51.90	136	00.00	75	08	13	13	?	15	X		X	GLDL		
TUK. SHELF	S11	69	51.90	136	00.00	75	08	13	13	?	15	X		X	GLDL		
TUK. SHELF	S12	70	08.00	136	03.00	75	08	13	20	?	30	X		X	GLDL		
TUK. SHELF	S13	70	26.50	134	58.90	75	08	14	00	?	50	X		X	GLDL		
TUK. SHELF	S14	70	20.10	134	45.10	75	08	14	05	?	30	X		X	GLDL		
TUK. SHELF	S15	70	00.90	133	59.90	75	08	14	14	?	15	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	14	16	27	27	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	14	17	27	27	X		X	GLDL		
TUK. SHELF	S16	70	19.80	134	00.20	75	08	14	21	?	30	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	14	21	27	27	X		X	GLDL		
TUK. SHELF	S17	70	41.00	133	53.70	75	08	15	00	?	50	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	15	00	27	27	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	15	03	27	27	X		X	GLDL		
TUK. SHELF	S18	70	31.10	133	40.10	75	08	15	07	?	50	X		X	GLDL		
TUK. SHELF	S19	70	09.99	133	19.99	75	08	15	10	?	20	X		X	GLDL		
TUK. SHELF	S20	70	00.20	132	59.60	75	08	15	14	?	10	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	15	15	27	27	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	15	18	27	27	X		X	GLDL		
TUK. SHELF	S21	70	30.00	133	00.50	75	08	15	21	?	30	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	16	00	27	27	X		X	GLDL		
TUK. SHELF	S22	70	55.20	133	22.70	75	08	16	02	?	50	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	16	02	27	27	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	16	06	27	27	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	16	08	24	27	X		X	GLDL		
TUK. SHELF	S23	70	31.90	132	49.20	75	08	16	09	?	30	X		X	GLDL		
TUK. SHELF	S24	70	19.90	132	20.30	75	08	16	11	?	20	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	16	12	15	27	X		X	GLDL		
TUK. SHELF	S25	70	00.80	132	00.70	75	08	16	14	?	10	X		X	GLDL		
TUK. SHELF	S25	70	00.80	132	00.70	75	08	16	14	?	10	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	16	17	27	27	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	16	19	27	27	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	16	21	27	27	X		X	GLDL		
TUK. SHELF	S26	70	29.40	132	02.20	75	08	16	22	?	30	X		X	GLDL		
TUK. SHELF	CNM	70	10.60	132	58.90	75	08	17	00	27	27	X		X	GLDL		
TUK. SHELF	S27	70	59.90	132	02.70	75	08	17	02	?	50	X		X	GLDL		
TUK. SHELF	S28	70	45.30	131	28.40	75	08	17	09	?	30	X		X	GLDL		
TUK. SHELF	S29	70	30.90	131	30.90	75	08	17	11	?	30	X		X	GLDL		
TUK. SHELF	S30	70	19.30	131	01.80	75	08	17	14	?	15	X		X	GLDL		
TUK. SHELF	S31	70	50.30	131	09.40	75	08	17	21	?	30	X		X	GLDL		
TUK. SHELF	S32	71	10.80	131	11.20	75	08	18	01	?	50	X		X	GLDL		
TUK. SHELF	S33	71	00.70	130	36.30	75	08	18	06	?	30	X		X	GLDL		
TUK. SHELF	S34	70	23.80	130	13.00	75	08	18	16	?	15	X		X	GLDL		
TUK. SHELF	S35	70	56.50	129	59.50	75	08	18	21	?	30	X		X	GLDL		
TUK. SHELF	S36	71	23.30	130	00.80	75	08	19	01	?	50	X		X	GLDL		
TUK. SHELF	S38	69	53.80	134	58.10	75	08	20	04	?	10	X		X	GLDL		
TUK. SHELF	S39	70	14.40	134	58.20	75	08	20	10	?	30	X		X	GLDL		
TUK. SHELF	S40	70	27.60	136	00.10	75	08	20	14	?	50	X		X	GLDL		
TUK. SHELF	S41	70	18.70	136	38.20	75	08	20	18	?	50	X		X	GLDL		
TUK. SHELF	S42	70	00.60	136	33.40	75	08	20	23	?	20	X		X	GLDL		

TUK. SHELF	S43	69	43.80	136	36.00	75	08	21	04	?	10	X		X	GLDL		
TUK. SHELF	S44	69	38.00	137	19.20	75	08	21	08	?	30	X		X	GLDL		
TUK. SHELF	S45	69	44.80	138	07.00	75	08	21	14	?	124	X		X	GLDL		
TUK. SHELF	S46	69	25.00	138	04.00	75	08	21	20	?	50	X		X	GLDL		
TUK. SHELF	S47	69	13.50	137	55.00	75	08	22	00	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	10	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	11	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	12	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	13	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	14	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	15	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	16	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	17	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	18	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	19	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	19	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	21	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	23	22	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	00	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	00	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	02	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	03	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	04	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	05	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	06	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	07	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	08	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	09	?	20	X		X	GLDL		
TUK. SHELF	S48	70	09.99	133	25.00	75	08	24	10	?	20	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 75-0004
YEAR: 1975 VESSEL/AGENCY: FF SLANEY & CO. LTD.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MACKENZIE BAY	29	69	28.80	135	47.90	75	07	08	?	1	6	X		X	YSI		
MACKENZIE BAY	30	69	29.90	135	45.20	75	07	08	?	1	3	X		X	YSI		
MACKENZIE BAY	57	69	30.60	135	44.70	75	07	08	?	1	1	X		X	YSI		
MACKENZIE BAY	33	69	42.10	134	49.70	75	07	09	?	1	3	X		X	YSI		
MACKENZIE BAY	34	69	41.70	134	49.50	75	07	09	?	1	1	X		X	YSI		
MACKENZIE BAY	16	69	37.10	135	10.50	75	07	10	?	3	3	X		X	YSI		
MACKENZIE BAY	12	69	42.20	134	35.80	75	07	11	?	3	4	X		X	YSI		
MACKENZIE BAY	11	69	49.10	134	36.30	75	07	13	?	7	7	X		X	YSI		
KUGMALLIT BAY	69	69	32.90	134	01.30	75	07	13	?	1	1	X		X	YSI		
KUGMALLIT BAY	70	69	28.90	133	07.40	75	07	14	?	1	1	X		X	YSI		
KUGMALLIT BAY	83	69	25.60	132	57.80	75	07	14	?	1	2	X		X	YSI		
KUGMALLIT BAY	73	69	40.40	133	20.30	75	07	15	?	5	5	X		X	YSI		
KUGMALLIT BAY	74	69	35.70	133	09.50	75	07	15	?	5	5	X		X	YSI		
KUGMALLIT BAY	75	69	31.50	133	06.50	75	07	15	?	5	5	X		X	YSI		
KUGMALLIT BAY	77	69	33.90	133	30.30	75	07	15	?	4	4	X		X	YSI		
KUGMALLIT BAY	78	69	36.90	133	25.60	75	07	15	?	5	5	X		X	YSI		
KUGMALLIT BAY	67	69	35.10	134	08.90	75	07	16	?	5	5	X		X	YSI		
KUGMALLIT BAY	2	69	48.80	133	58.20	75	07	17	?	5	5	X		X	YSI		
MACKENZIE BAY	58	69	30.30	135	21.80	75	07	17	?	2	2	X		X	YSI		
MACKENZIE BAY	26	69	44.70	134	21.30	75	07	18	?	2	4	X		X	YSI		
MACKENZIE BAY	62	69	24.30	135	49.30	75	07	26	?	1	1	X		X	YSI		
MACKENZIE BAY	7	69	46.00	135	57.80	75	07	28	?	9	11	X		X	YSI		
MACKENZIE BAY	8	69	32.70	135	57.00	75	07	28	?	3	5	X		X	YSI		
MACKENZIE BAY	12	69	42.20	134	35.80	75	07	30	?	4	4	X		X	YSI		
MACKENZIE BAY	16	69	37.10	135	10.50	75	07	30	?	3	3	X		X	YSI		
MACKENZIE BAY	1	69	54.90	134	17.00	75	07	31	?	10	10	X		X	YSI		
MACKENZIE BAY	11	69	49.10	134	36.30	75	07	31	?	5	7	X		X	YSI		
KUGMALLIT BAY	2	69	48.80	133	58.20	75	08	02	?	5	5	X		X	YSI		
MACKENZIE BAY	26	69	44.70	134	21.30	75	08	02	?	4	4	X		X	YSI		
MACKENZIE BAY	59	69	37.50	135	18.60	75	08	02	?	5	5	X		X	YSI		
KUGMALLIT BAY	60	69	44.90	133	40.20	75	08	02	?	6	5	X		X	YSI		
KUGMALLIT BAY	73	69	40.40	133	20.30	75	08	02	?	5	5	X		X	YSI		
KUGMALLIT BAY	74	69	35.70	133	09.50	75	08	02	?	5	5	X		X	YSI		
KUGMALLIT BAY	78	69	36.90	133	25.60	75	08	02	?	5	5	X		X	YSI		
KUGMALLIT BAY	79	69	40.30	133	51.00	75	08	02	?	6	4	X		X	YSI		
MACKENZIE BAY	1	69	54.90	134	17.00	75	08	03	?	1	10	X		X	YSI		
MACKENZIE BAY	10	69	32.30	135	44.40	75	08	03	?	1	3	X		X	YSI		
MACKENZIE BAY	11	69	49.10	134	36.30	75	08	03	?	1	7	X		X	YSI		
MACKENZIE BAY	12	69	42.20	134	35.80	75	08	03	?	1	4	X		X	YSI		

MACKENZIE BAY	14	69	33.70	134	36.30	75	08	03	?	0	2	X		X	YSI		
MACKENZIE BAY	16	69	37.10	135	10.50	75	08	03	?	1	3	X		X	YSI		
MACKENZIE BAY	17	69	40.00	135	13.00	75	08	03	?	1	5	X		X	YSI		
MACKENZIE BAY	19	69	30.50	135	37.50	75	08	03	?	1	2	X		X	YSI		
MACKENZIE BAY	26	69	44.70	134	21.30	75	08	03	?	4	4	X		X	YSI		
MACKENZIE BAY	81	69	45.20	134	36.60	75	08	03	?	1	5	X		X	YSI		
MACKENZIE BAY	8	69	32.70	135	57.00	75	08	04	?	1	5	X		X	YSI		
MACKENZIE BAY	21	69	27.50	135	49.60	75	08	04	?	1	2	X		X	YSI		
MACKENZIE BAY	22	69	25.00	135	49.70	75	08	04	?	1	2	X		X	YSI		
MACKENZIE BAY	29	69	28.80	135	47.90	75	08	07	?	1	6	X		X	YSI		
MACKENZIE BAY	31	69	37.10	135	18.20	75	08	10	?	1	3	X		X	YSI		
MACKENZIE BAY	30	69	29.90	135	45.20	75	08	11	?	3	3	X		X	YSI		
MACKENZIE BAY	32	69	33.30	135	33.50	75	08	11	?	3	3	X		X	YSI		
MACKENZIE BAY	31	69	37.10	135	18.20	75	08	12	?	3	3	X		X	YSI		
MACKENZIE BAY	58	69	30.30	135	21.80	75	08	12	?	2	2	X		X	YSI		
MACKENZIE BAY	62	69	24.30	135	49.30	75	08	13	?	1	1	X		X	YSI		
MACKENZIE BAY	14	69	33.70	134	36.30	75	08	15	?	2	2	X		X	YSI		
MACKENZIE BAY	8	69	32.70	135	57.00	75	08	16	?	5	5	X		X	YSI		
MACKENZIE BAY	9	69	37.40	135	54.20	75	08	16	?	7	8	X		X	YSI		
MACKENZIE BAY	21	69	27.50	135	49.60	75	08	16	?	2	2	X		X	YSI		
MACKENZIE BAY	71	69	18.50	136	09.00	75	08	18	?	2	2	X		X	YSI		
MACKENZIE BAY	2	69	48.80	133	58.20	75	08	20	?	3	5	X		X	YSI		
MACKENZIE BAY	26	69	44.70	134	21.30	75	08	20	?	4	4	X		X	YSI		
MACKENZIE BAY	60	69	44.90	133	40.20	75	08	20	?	5	5	X		X	YSI		
MACKENZIE BAY	73	69	40.40	133	20.30	75	08	20	?	5	5	X		X	YSI		
MACKENZIE BAY	74	69	35.70	133	09.50	75	08	20	?	5	5	X		X	YSI		
MACKENZIE BAY	75	69	31.50	133	06.50	75	08	20	?	5	5	X		X	YSI		
MACKENZIE BAY	76	69	27.80	133	18.40	75	08	20	?	4	4	X		X	YSI		
MACKENZIE BAY	77	69	33.90	133	30.30	75	08	20	?	4	4	X		X	YSI		
MACKENZIE BAY	79	69	40.30	133	51.00	75	08	20	?	4	4	X		X	YSI		
KUGMALLIT BAY	80	69	42.70	134	08.30	75	08	20	?	4	4	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 75-0006
YEAR: 1975 VESSEL/AGENCY: PANDORA II, IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	1	70	15.00	139	04.30	75	08	05	07	405	453	X		X	BOTT		
TUK. SHELF	3	70	00.40	135	28.20	75	08	05	19	30	33	X		X	BOTT		
TUK. SHELF	2	70	40.70	134	42.90	75	08	05	20	50	55	X		X	BOTT		
TUK. SHELF	4	70	54.00	132	28.20	75	08	07	17	60	64	X		X	BOTT		
TUK. SHELF	5	71	18.90	130	36.50	75	08	08	03	70	72	X		X	BOTT		
TUK. SHELF	6	70	09.20	132	14.60	75	08	08	16	25	30	X		X	BOTT		
TUK. SHELF	7	69	33.50	138	55.50	75	08	09	19	7	9	X		X	BOTT		
TUK. SHELF	8	69	34.70	137	29.40	75	08	12	17	15	20	X		X	BOTT		
TUK. SHELF	9	70	05.40	137	36.60	75	08	13	02	75	83	X		X	BOTT		
TUK. SHELF	11	69	51.80	136	00.30	75	08	13	14	15	17	X		X	BOTT		
TUK. SHELF	13	70	27.50	134	53.10	75	08	14	01	50	50	X		X	BOTT		
TUK. SHELF	15	70	01.70	134	03.10	75	08	14	15	17	20	X		X	BOTT		
TUK. SHELF	16	70	20.90	133	56.50	75	08	14	21	40	48	X		X	BOTT		
TUK. SHELF	17	70	39.50	134	00.50	75	08	15	02	55	64	X		X	BOTT		
TUK. SHELF	20	70	00.30	133	01.20	75	08	15	13	10	14	X		X	BOTT		
TUK. SHELF	21	70	30.00	133	00.50	75	08	15	22	40	38	X		X	BOTT		
TUK. SHELF	22	70	54.80	133	22.00	75	08	16	03	65	70	X		X	BOTT		
TUK. SHELF	25	70	00.70	132	00.30	75	08	16	15	10	15	X		X	BOTT		
TUK. SHELF	26	70	29.40	132	02.20	75	08	16	22	30	35	X		X	BOTT		
TUK. SHELF	27	70	59.60	132	03.30	75	08	17	03	60	65	X		X	BOTT		
TUK. SHELF	30	70	19.60	131	02.30	75	08	17	14	15	18	X		X	BOTT		
TUK. SHELF	31	70	50.30	131	09.40	75	08	17	22	40	50	X		X	BOTT		
TUK. SHELF	32	71	10.50	131	15.40	75	08	18	02	68	80	X		X	BOTT		
TUK. SHELF	34	70	22.90	130	19.40	75	08	18	16	13	18	X		X	BOTT		
TUK. SHELF	35	70	56.50	129	59.50	75	08	18	22	29	35	X		X	BOTT		
TUK. SHELF	36	71	22.70	130	12.30	75	08	19	02	42	73	X		X	BOTT		
TUK. SHELF	37	69	49.00	133	20.80	75	08	19	15	7	10	X		X	BOTT		
TUK. SHELF	38	69	53.70	134	57.80	75	08	20	04	11	14	X		X	BOTT		
TUK. SHELF	39	70	14.40	134	58.20	75	08	20	10	40	45	X		X	BOTT		
TUK. SHELF	40	70	26.30	136	08.50	75	08	20	15	50	58	X		X	BOTT		
TUK. SHELF	41	70	19.30	136	40.10	75	08	20	19	50	60	X		X	BOTT		
TUK. SHELF	42	70	00.60	136	33.40	75	08	21	00	25	30	X		X	BOTT		
TUK. SHELF	43	69	42.70	136	33.60	75	08	21	05	12	15	X		X	BOTT		
TUK. SHELF	44	69	37.80	137	19.50	75	08	21	08	39	48	X		X	BOTT		
TUK. SHELF	45	69	44.70	138	07.10	75	08	21	16	140	155	X		X	BOTT		
TUK. SHELF	46	69	25.00	138	02.00	75	08	21	16	60	65	X		X	BOTT		
TUK. SHELF	47	69	13.50	137	54.00	75	08	22	00	25	27	X		X	BOTT		

TUK. SHELF	48	70	09.99	133	25.00	75	08	23	10	23	28	X		X	BOTT
TUK. SHELF	48	70	09.99	133	25.00	75	08	23	11	23	28	X		X	BOTT
TUK. SHELF	48	70	09.99	133	25.00	75	08	23	12	25	28	X		X	BOTT
TUK. SHELF	48	70	09.99	133	25.00	75	08	23	13	25	28	X		X	BOTT
TUK. SHELF	48	70	09.99	133	25.00	75	08	23	14	25	28	X		X	BOTT

BOTTLE/CTD DATA SET NUMBER: 75-0009
YEAR:1975 VESSEL/AGENCY: THETA, ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
TUK. SHELF	101	69	54.00	134	09.00	75	08	20	18	10	13	X		X	BOTT		
TUK. SHELF	102	70	05.00	134	26.00	75	08	20	23	23	26	X		X	BOTT		
TUK. SHELF	104	70	15.50	134	41.60	75	08	21	02	40	40	X		X	BOTT		
TUK. SHELF	105	70	22.50	134	58.30	75	08	21	05	50	57	X		X	BOTT		
TUK. SHELF	106	70	34.00	135	26.00	75	08	21	07	62	66	X		X	BOTT		
TUK. SHELF	107	70	39.00	135	39.00	75	08	21	10	153	155	X		X	BOTT		
HERSCHEL IS.	109	69	36.80	139	32.80	75	08	23	20	12	14	X		X	BOTT		
HERSCHEL IS.	110	69	48.50	139	39.30	75	08	23	23	34	36	X		X	BOTT		
HERSCHEL IS.	111	69	57.60	139	31.20	75	08	24	01	50	53	X		X	BOTT		
HERSCHEL IS.	112	70	08.20	139	25.40	75	08	24	03	150	187	X		X	BOTT		
HERSCHEL IS.	153	69	29.90	138	47.80	75	09	02	21	72	76	X		X	BOTT		
TUK. SHELF	168	69	50.50	136	18.90	75	09	05	18	17	19	X		X	BOTT		
TUK. SHELF	172	70	13.00	132	43.60	75	09	07	01	30	35	X		X	BOTT		
TUK. SHELF	173	70	24.30	132	55.00	75	09	07	02	40	42	X		X	BOTT		
TUK. SHELF	174	70	08.20	133	01.00	75	09	07	05	50	53	X		X	BOTT		
TUK. SHELF	175	70	47.50	133	23.00	75	09	07	16	60	65	X		X	BOTT		
TUK. SHELF	179	70	02.80	132	30.80	75	09	08	15	20	21	X		X	BOTT		
TUK. SHELF	180	69	53.10	132	21.30	75	09	08	17	8	11	X		X	BOTT		
TUK. SHELF	183	69	56.70	133	03.00	75	09	08	19	0	17	X		X	BOTT		
TUK. SHELF	184	69	58.30	133	49.99	75	09	08	21	0	21	X		X	BOTT		
TUK. SHELF	188	69	59.50	134	24.50	75	09	08	23	0	17	X		X	BOTT		
TUK. SHELF	189	70	09.30	133	58.00	75	09	09	01	0	36	X		X	BOTT		
TUK. SHELF	189	70	16.40	133	34.80	75	09	09	17	0	53	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0010A
YEAR:1975 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
ESKIMO LAKES	515	69	32.00	131	11.00	75	02	28	03	40	48	X		X	BOTT		
ESKIMO LAKES	508	69	34.80	131	18.00	75	02	28	05	20	24	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0010B
YEAR:1975 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
ESKIMO LAKES	515	69	32.00	131	11.00	75	06	15	22	40	48	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	75	06	27	01	35	37	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	75	07	03	02	40	49	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	75	07	09	18	40	43	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	75	07	15	15	40	48	X		X	BOTT		
ESKIMO LAKES	515	69	32.00	131	11.00	75	07	21	19	20	40	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0011
YEAR:1975 VESSEL/AGENCY: FF SLANEY & CO. LTD.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MACKENZIE DLTA	12	69	21.40	134	56.60	75	04	09	?	0	?	X		X	BOTT		
MACKENZIE DLTA	1	69	22.40	134	53.10	75	04	11	?	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	04	11	?	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	05	31	11	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	05	31	15	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	05	31	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	01	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	01	14	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	01	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	02	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	02	14	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	02	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	03	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	03	15	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	03	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	04	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	04	14	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	04	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	05	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	05	14	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	05	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	06	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	06	14	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	06	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	07	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	07	15	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	07	20	0	?	X		X	BOTT		
MACKENZIE DLTA	19	69	22.50	134	58.80	75	06	08	?	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	08	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	08	14	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	08	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	09	08	0	?	X		X	BOTT		
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	10	?	0	?	X		X	BOTT		
MACKENZIE DLTA	12	69	21.40	134	56.60	75	06	10	?	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	10	?	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	10	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	10	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	11	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	11	14	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	11	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	12	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	12	20	0	?	X		X	BOTT		
MACKENZIE DLTA	7	69	24.60	134	49.50	75	06	12	21	0	?	X		X	BOTT		
MACKENZIE DLTA	6	69	24.70	134	50.70	75	06	12	22	0	?	X		X	BOTT		
MACKENZIE DLTA	10	69	23.40	134	50.10	75	06	12	22	0	?	X		X	BOTT		
MACKENZIE DLTA	9	69	23.00	134	51.10	75	06	12	22	0	?	X		X	BOTT		
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	12	23	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	13	08	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	13	20	0	?	X		X	BOTT		
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	13	23	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	14	08	0	?	X		X	BOTT		
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	14	12	0	?	X		X	BOTT		
MACKENZIE DLTA	7	69	24.60	134	49.50	75	06	14	12	0	?	X		X	BOTT		
MACKENZIE DLTA	6	69	24.70	134	50.70	75	06	14	12	0	?	X		X	BOTT		
MACKENZIE DLTA	10	69	23.40	134	50.10	75	06	14	14	0	?	X		X	BOTT		
MACKENZIE DLTA	9	69	23.00	134	51.10	75	06	14	15	0	?	X		X	BOTT		
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	14	15	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	14	17	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	14	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	15	09	0	?	X		X	BOTT		
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	15	12	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	15	16	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	15	20	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	16	08	0	?	X		X	BOTT		
MACKENZIE DLTA	7	69	24.60	134	49.50	75	06	16	13	0	?	X		X	BOTT		
MACKENZIE DLTA	6	69	24.70	134	50.70	75	06	16	13	0	?	X		X	BOTT		
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	16	13	0	?	X		X	BOTT		
MACKENZIE DLTA	10	69	23.40	134	50.10	75	06	16	16	0	?	X		X	BOTT		
MACKENZIE DLTA	9	69	23.00	134	51.10	75	06	16	16	0	?	X		X	BOTT		
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	16	17	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	16	20	0	?	X		X	BOTT		

MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	17	08	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	06	17	12	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	06	17	12	0	?	X	X	BOTT
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	17	15	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	06	17	15	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	06	17	15	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	17	15	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	17	20	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	18	08	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	06	18	13	0	?	X	X	BOTT
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	18	16	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	06	18	16	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	06	18	17	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	18	17	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	18	20	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	19	08	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	06	19	13	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	06	19	14	0	?	X	X	BOTT
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	19	14	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	06	19	14	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	06	19	15	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	19	15	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	19	20	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	20	20	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	21	?	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	06	21	?	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	06	21	?	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	06	21	?	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	06	21	?	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	21	08	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	06	21	13	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	06	21	13	0	?	X	X	BOTT
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	21	14	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	06	21	17	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	06	21	17	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	06	21	18	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	21	20	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	06	22	08	0	?	X	X	BOTT
MACKENZIE DLTA	11	69	23.80	134	50.90	75	06	22	14	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	07	09	16	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	07	09	16	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	07	09	17	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	07	09	18	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	07	09	18	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	07	10	10	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	07	10	11	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	07	10	12	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	07	10	20	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	07	10	20	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	08	15	12	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	08	15	13	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	08	15	13	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	08	15	13	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	08	15	14	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	08	16	?	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	22.40	134	50.70	75	08	16	?	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	08	16	?	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	08	16	?	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	08	16	?	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	08	16	12	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	08	16	12	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	08	16	12	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	08	16	13	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	08	16	14	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	08	27	13	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	09	25	09	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	09	25	21	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	09	26	19	0	?	X	X	BOTT
MACKENZIE DLTA	1	69	22.40	134	53.10	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	9	69	23.00	134	51.10	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	10	69	23.40	134	50.10	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	11	69	23.80	134	50.90	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	12	69	21.40	134	56.60	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	19	69	22.50	134	58.80	75	09	27	?	0	?	X	X	BOTT
MACKENZIE DLTA	18	69	22.00	134	57.20	75	09	27	08	0	?	X	X	BOTT
MACKENZIE DLTA	7	69	24.60	134	49.50	75	09	27	11	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	09	27	12	0	?	X	X	BOTT
MACKENZIE DLTA	11	69	23.80	134	50.90	75	09	27	13	0	?	X	X	BOTT
MACKENZIE DLTA	6	69	24.70	134	50.70	75	09	27	14	0	?	X	X	BOTT

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MACKENZIE DLTA	18	69	22.00	134	57.20	75	09	27	21	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	09	28	21	0	?	X		X	BOTT		
MACKENZIE DLTA	18	69	22.00	134	57.20	75	09	29	09	0	?	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0012A
YEAR:1975 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	BD4	69	56.80	133	25.00	75	04	26	?	20	21	X		X	BOTT		
TUK. SHELF	BD4	69	56.80	133	25.00	75	04	27	?	20	21	X		X	BOTT		
MACKENZIE BAY	CD4	69	36.70	137	58.00	75	05	02	?	75	76	X		X	BOTT		
TUK. SHELF	562	69	35.00	133	05.00	75	05	05	22	1	1	X		X	BOTT		
TUK. SHELF	1D4	69	39.00	133	19.00	75	05	09	?	0	0	X		X	BOTT		
TUK. SHELF	2D4	69	59.00	133	10.00	75	05	09	?	23	21	X		X	BOTT		
TUK. SHELF	3D4	70	22.80	133	24.30	75	05	09	?	30	49	X		X	BOTT		
TUK. SHELF	5D4	70	13.20	132	44.20	75	05	09	?	30	31	X		X	BOTT		
TUK. SHELF	563	69	27.00	133	01.00	75	05	09	19	1	1	X		X	BOTT		
TUK. SHELF	564	69	40.00	132	40.00	75	05	09	22	1	1	X		X	BOTT		
MACKENZIE BAY	12D4	69	52.30	137	02.60	75	05	10	?	30	35	X		X	BOTT		
TUK. SHELF	565	70	08.00	132	37.00	75	06	17	14	30	31	X		X	BOTT		
MACKENZIE BAY	566	70	06.00	138	56.00	75	07	05	22	315	318	X		X	BOTT		
TUK. SHELF	601	69	23.30	133	47.00	75	07	11	14	2	2	X		X	BOTT		
TUK. SHELF	602	69	18.60	133	54.50	75	07	12	00	9	10	X		X	BOTT		
TUK. SHELF	603	69	15.60	134	10.00	75	07	12	02	7	8	X		X	BOTT		
MACKENZIE BAY	567	70	49.00	136	22.00	75	07	13	00	719	720	X		X	BOTT		
TUK. SHELF	604	69	32.30	133	52.50	75	07	13	16	3	4	X		X	BOTT		
TUK. SHELF	605	69	30.30	133	55.00	75	07	13	20	14	15	X		X	BOTT		
TUK. SHELF	606	69	31.80	133	57.00	75	07	14	00	15	15	X		X	BOTT		
TUK. SHELF	607	69	34.30	134	09.00	75	07	14	16	25	26	X		X	BOTT		
TUK. SHELF	608	69	32.30	134	09.40	75	07	14	21	3	4	X		X	BOTT		
TUK. SHELF	609	69	32.90	134	07.50	75	07	14	23	11	11	X		X	BOTT		
TUK. SHELF	610	69	33.50	134	05.00	75	07	15	00	18	18	X		X	BOTT		
TUK. SHELF	611	69	34.30	134	03.00	75	07	15	18	2	3	X		X	BOTT		
TUK. SHELF	606	69	31.80	133	57.00	75	07	16	18	14	14	X		X	BOTT		
TUK. SHELF	607	69	34.30	134	09.00	75	07	16	20	25	26	X		X	BOTT		
TUK. SHELF	608	69	32.30	134	09.30	75	07	17	05	3	3	X		X	BOTT		
TUK. SHELF	612	69	35.90	133	58.50	75	07	17	18	6	7	X		X	BOTT		
TUK. SHELF	613	69	38.50	133	55.00	75	07	17	19	3	4	X		X	BOTT		
MACKENZIE BAY	568	70	14.00	139	04.00	75	07	18	13	403	408	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0012B
YEAR:1975 VESSEL/AGENCY: ARCTIC BIOL. STN.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
KUGMALLIT BAY	003	69	38.10	132	45.00	75	05	10	?	1	?		X	X	BOTT		
KUGMALLIT BAY	005	69	22.70	133	12.50	75	07	07	?	2	?		X	X	BOTT		
KUGMALLIT BAY	006	69	22.00	133	13.70	75	07	07	?	1	?			X	BOTT		
KUGMALLIT BAY	007	69	23.80	133	09.70	75	07	08	?	1	?		X	X	BOTT		
KUGMALLIT BAY	008	69	22.90	133	14.60	75	07	10	?	1	?			X	BOTT		
KUGMALLIT BAY	009	69	23.80	133	07.10	75	07	11	?	1	?			X	BOTT		
KUGMALLIT BAY	012	69	21.70	133	39.20	75	07	19	?	3	?			X	BOTT		
KUGMALLIT BAY	013	69	20.20	133	40.80	75	07	19	?	3	?			X	BOTT		
KUGMALLIT BAY	014	69	19.50	133	44.40	75	07	20	?	2	?		X	X	BOTT		
KUGMALLIT BAY	015	69	19.90	133	43.20	75	07	20	?	2	?			X	BOTT		
TUK. SHELF	016	69	39.30	132	23.90	75	07	26	?	2	?			X	BOTT		
TUK. SHELF	017	69	38.20	132	27.80	75	07	26	?	2	?			X	BOTT		
TUK. SHELF	018	69	38.80	132	32.80	75	07	26	?	1	?		X	X	BOTT		
TUK. SHELF	019	69	40.20	132	42.20	75	07	29	?	1	?		X	X	BOTT		
TUK. SHELF	020	69	41.60	132	24.10	75	07	29	?	1	?			X	BOTT		
TUK. SHELF	023	69	42.40	132	09.20	75	08	04	?	2	?		X	X	BOTT		
KUGMALLIT BAY	104	69	24.10	133	00.00	75	08	04	?	4	?		X	X	BOTT		
TUK. SHELF	025	69	45.20	132	14.50	75	08	05	?	2	?			X	BOTT		
TUK. SHELF	026	69	43.80	132	12.10	75	08	05	?	2	?			X	BOTT		

TUK. SHELF	028	69	40.90	132	08.30	75	08	08	?	2	?		X	X	BOTT		
TUK. SHELF	029	69	43.20	132	14.00	75	08	08	?	1	?			X	BOTT		
KUGMALLIT BAY	105	69	25.15	132	58.60	75	08	08	?	23	?		X	X	BOTT		
KUGMALLIT BAY	107	69	41.20	132	57.50	75	08	13	?	8	?		X	X	BOTT		
KUGMALLIT BAY	108	69	44.70	133	08.50	75	08	13	?	8	?		X	X	BOTT		
KUGMALLIT BAY	109	69	48.20	133	18.67	75	08	13	?	10	?		X	X	BOTT		
TUK. SHELF	030	69	54.10	131	07.90	75	08	15	?	2	?		X	X	BOTT		
TUK. SHELF	031	69	56.50	131	09.90	75	08	15	?	2	?			X	BOTT		
TUK. SHELF	032	70	00.70	131	09.60	75	08	16	?	2	?		X	X	BOTT		
TUK. SHELF	033	69	58.20	131	17.40	75	08	16	?	2	?			X	BOTT		
TUK. SHELF	034	69	59.90	131	04.80	75	08	17	?	2	?			X	BOTT		
KUGMALLIT BAY	110	69	24.40	132	59.80	75	08	17	?	7	?		X	X	BOTT		
KUGMALLIT BAY	111	69	24.50	132	59.60	75	08	17	?	9	?		X	X	BOTT		
KUGMALLIT BAY	112	69	26.50	132	59.10	75	08	18	?	5	?		X	X	BOTT		
KUGMALLIT BAY	113	69	27.00	132	59.70	75	08	18	?	9	?		X	X	BOTT		
KUGMALLIT BAY	114	69	27.35	133	01.60	75	08	18	?	5	?		X	X	BOTT		
KUGMALLIT BAY	115	69	31.50	133	08.00	75	08	20	?	5	?		X	X	BOTT		
KUGMALLIT BAY	116	69	38.50	133	03.50	75	08	24	?	6	?		X	X	BOTT		
KUGMALLIT BAY	117	69	35.50	133	09.50	75	08	24	?	5	?		X	X	BOTT		
KUGMALLIT BAY	118	69	33.70	133	09.50	75	08	24	?	5	?		X	X	BOTT		
KUGMALLIT BAY	119	69	46.60	132	47.00	75	08	25	?	8	?		X	X	BOTT		
KUGMALLIT BAY	120	69	44.00	132	51.00	75	08	25	?	7	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0025
YEAR:1975 VESSEL/AGENCY: DEPT. ENV.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
YUKON COAST	B	69	34.00	138	56.00	75	05	?	?	5	5	X		X	YSI		
YUKON COAST	C	69	22.00	138	45.00	75	05	?	?	7	7	X		X	YSI		
YUKON COAST	D	69	17.00	138	35.00	75	05	?	?	7	7	X		X	YSI		
YUKON COAST	E	69	08.00	137	58.00	75	05	?	?	15	16	X		X	YSI		
YUKON COAST	F	69	05.00	137	44.00	75	05	?	?	12	12	X		X	YSI		
YUKON COAST	G	69	02.00	137	10.00	75	05	?	?	4	4	X		X	YSI		
YUKON COAST	104	69	00.00	137	19.00	75	07	16	?	3	3	X		X	YSI		
YUKON COAST	107	68	58.00	137	05.00	75	07	16	?	3	3	X		X	YSI		
YUKON COAST	100	69	07.00	137	58.00	75	07	17	?	0	13	X		X	YSI		
YUKON COAST	100	69	07.00	137	58.00	75	07	17	?	13	13	X		X	YSI		
YUKON COAST	100	69	07.00	137	58.00	75	07	17	?	15	20	X		X	YSI		
YUKON COAST	114	69	06.50	137	58.00	75	07	17	?	0	0	X		X	YSI		
YUKON COAST	114	69	06.50	137	58.00	75	07	17	?	3	3	X		X	YSI		
YUKON COAST	26B	69	21.00	138	46.00	75	07	18	?	2	2	X		X	YSI		
YUKON COAST	31	69	34.00	138	54.00	75	07	20	?	4	4	X		X	YSI		
YUKON COAST	45	69	29.00	138	52.00	75	07	20	?	0	3	X		X	YSI		
YUKON COAST	34	69	34.00	138	52.00	75	07	21	?	3	3	X		X	YSI		
YUKON COAST	25	69	21.00	138	44.00	75	07	23	?	2	2	X		X	YSI		
YUKON COAST	25	69	21.00	138	44.00	75	07	23	?	12	12	X		X	YSI		
YUKON COAST	1	69	15.00	138	31.00	75	07	24	?	1	1	X		X	YSI		
YUKON COAST	40	69	19.50	138	34.00	75	07	24	?	2	2	X		X	YSI		
YUKON COAST	100A	69	09.50	137	55.00	75	07	29	?	15	26	X		X	YSI		
YUKON COAST	26B	69	21.00	138	46.00	75	08	04	?	3	3	X		X	YSI		
YUKON COAST	26C	69	21.00	138	47.00	75	08	04	?	2	2	X		X	YSI		
YUKON COAST	26C	69	21.00	138	47.00	75	08	04	?	3	3	X		X	YSI		
YUKON COAST	31B	69	34.00	138	55.00	75	08	05	?	5	5	X		X	YSI		
YUKON COAST	25	69	21.00	138	44.00	75	08	07	?	6	6	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 75-0026
YEAR:1975 VESSEL/AGENCY: NORCOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	04	12	18	180	?	X		X	YSI		
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	04	12	22	180	?	X		X	YSI		
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	04	13	02	180	?	X		X	YSI		
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	04	13	06	180	?	X		X	YSI		

FRANKLIN BAY	CC1	70	00.00	125	00.00	75	04	13	15	180	?	X		X	YSI
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	04	13	17	180	?	X		X	YSI
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	12	10	01	180	?	X		X	YSI
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	12	10	06	180	?	X		X	YSI
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	12	10	10	180	?	X		X	YSI
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	12	10	13	180	?	X		X	YSI
FRANKLIN BAY	CC1	70	00.00	125	00.00	75	12	10	20	180	?	X		X	YSI

BOTTLE/CTD DATA SET NUMBER: 75-0028
YEAR: 1975 VESSEL/AGENCY: DEPT. ENV.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
FRANKLIN BAY	BH1	70	00.00	125	00.00	75	05	24	?	3	?	X		X	TC-2		
FRANKLIN BAY	BH2	70	00.00	125	00.00	75	05	24	?	5	?	X		X	TC-2		
FRANKLIN BAY	BH3	70	00.00	125	00.00	75	05	24	?	7	?	X		X	TC-2		
FRANKLIN BAY	BH4	70	00.00	125	00.00	75	05	24	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH5	70	00.00	125	00.00	75	05	24	?	10	?	X		X	TC-2		
FRANKLIN BAY	BH6	70	00.00	125	00.00	75	05	24	?	10	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	05	24	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	05	26	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH6	70	00.00	125	00.00	75	05	27	?	10	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	05	27	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH6	70	00.00	125	00.00	75	06	01	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	01	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH6	70	00.00	125	00.00	75	06	03	?	10	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	03	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	05	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	06	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	06	16	4	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	07	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	07	19	5	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	09	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	10	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	10	20	3	?	X		X	TC-2		
FRANKLIN BAY	BH2	70	00.00	125	00.00	75	06	11	?	5	?	X		X	TC-2		
FRANKLIN BAY	BH4	70	00.00	125	00.00	75	06	11	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH6	70	00.00	125	00.00	75	06	11	?	10	?	X		X	TC-2		
FRANKLIN BAY	BH8	70	00.00	125	00.00	75	06	11	?	7	?	X		X	TC-2		
FRANKLIN BAY	FH1	70	00.00	125	00.00	75	06	11	?	6	?	X		X	TC-2		
FRANKLIN BAY	BH7A	70	00.00	125	00.00	75	06	11	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	11	18	2	?	X		X	TC-2		
FRANKLIN BAY	BH7	70	00.00	125	00.00	75	06	13	?	2	?	X		X	TC-2		
FRANKLIN BAY	BH2	70	00.00	125	00.00	75	06	16	?	5	?	X		X	TC-2		
FRANKLIN BAY	BH3	70	00.00	125	00.00	75	06	16	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH4	70	00.00	125	00.00	75	06	16	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH6	70	00.00	125	00.00	75	06	16	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH8	70	00.00	125	00.00	75	06	16	?	7	?	X		X	TC-2		
FRANKLIN BAY	BH7B	70	00.00	125	00.00	75	06	16	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH7B	70	00.00	125	00.00	75	06	16	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH2	70	00.00	125	00.00	75	06	18	?	6	?	X		X	TC-2		
FRANKLIN BAY	BH3	70	00.00	125	00.00	75	06	18	?	7	?	X		X	TC-2		
FRANKLIN BAY	BH4	70	00.00	125	00.00	75	06	18	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH6	70	00.00	125	00.00	75	06	18	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH8	70	00.00	125	00.00	75	06	18	?	7	?	X		X	TC-2		
FRANKLIN BAY	FH1	70	00.00	125	00.00	75	06	18	?	6	?	X		X	TC-2		
FRANKLIN BAY	FH2	70	00.00	125	00.00	75	06	18	?	7	?	X		X	TC-2		
FRANKLIN BAY	BH7B	70	00.00	125	00.00	75	06	18	?	9	?	X		X	TC-2		
FRANKLIN BAY	BH3	70	00.00	125	00.00	75	06	22	?	7	?	X		X	TC-2		
FRANKLIN BAY	BH4	70	00.00	125	00.00	75	06	22	?	8	?	X		X	TC-2		
FRANKLIN BAY	BH6	70	00.00	125	00.00	75	06	22	?	10	?	X		X	TC-2		
FRANKLIN BAY	BH8	70	00.00	125	00.00	75	06	22	?	7	?	X		X	TC-2		
FRANKLIN BAY	FH1	70	00.00	125	00.00	75	06	22	?	6	?	X		X	TC-2		
FRANKLIN BAY	BH7B	70	00.00	125	00.00	75	06	22	?	9	?	X		X	TC-2		
FRANKLIN BAY	I	70	00.00	125	00.00	75	06	24	?	10	?	X		X	TC-2		
FRANKLIN BAY	II	70	00.00	125	00.00	75	06	24	?	18	?	X		X	TC-2		
FRANKLIN BAY	IV	70	00.00	125	00.00	75	06	24	?	20	?	X		X	TC-2		
FRANKLIN BAY	III	70	00.00	125	00.00	75	06	24	?	13	?	X		X	TC-2		
FRANKLIN BAY	II	70	00.00	125	00.00	75	06	25	?	11	?	X		X	TC-2		
FRANKLIN BAY	BH7B	70	00.00	125	00.00	75	06	25	?	9	?	X		X	TC-2		

BOTTLE/CTD DATA SET NUMBER: 75-0042
YEAR:1975 VESSEL/AGENCY: AQ.ENV.LTD.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE DELT	CAMP1	68	46.8	136	00.0	75	07	02	?	0	?	X		X	BOTT		
MACKENZIE DELT	CAMP2	69	04.9	134	49.5	75	07	06	?	0	?	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0001
YEAR: 1976 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
TUK. SHELF	1	70	10.60	132	58.90	76	08	09	02	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	08	25	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	08	25	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	08	26	05	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	08	27	05	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	08	28	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	08	29	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	08	30	02	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	08	31	02	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	01	03	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	02	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	03	02	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	04	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	06	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	08	03	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	09	00	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	11	02	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	13	06	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	14	03	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	19	01	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	21	02	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	23	03	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	24	02	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	25	03	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	09	28	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	03	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	04	05	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	05	05	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	06	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	07	05	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	10	05	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	10	05	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	11	03	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	12	04	30	30	X		X	BOTT		
TUK. SHELF	1	70	10.60	132	58.90	76	10	13	00	30	30	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	08	15	03	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	08	16	02	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	08	17	06	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	08	18	06	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	08	19	04	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	08	25	03	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	08	28	02	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	08	30	03	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	01	03	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	02	00	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	03	05	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	04	02	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	07	22	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	11	03	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	18	02	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	21	03	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	24	02	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	09	27	02	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	10	03	03	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	10	06	20	50	59	X		X	BOTT		
TUK. SHELF	3	70	22.90	135	05.60	76	10	09	23	50	59	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0003
YEAR:1976 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
KUGMALLIT BAY	BW	69	43.30	132	37.70	76	07	17	?	6	6	X		X	YSI		
KUGMALLIT BAY	E03	69	42.30	132	34.80	76	07	18	?	6	6	X		X	YSI		
KUGMALLIT BAY	E05	69	42.30	132	34.50	76	07	18	?	6	6	X		X	YSI		
KUGMALLIT BAY	E10	69	42.30	132	33.80	76	07	18	?	5	5	X		X	YSI		
KUGMALLIT BAY	S03	69	42.20	132	35.30	76	07	18	?	5	5	X		X	YSI		
KUGMALLIT BAY	W03	69	42.30	132	35.80	76	07	19	?	6	7	X		X	YSI		
KUGMALLIT BAY	W05	69	42.30	132	36.10	76	07	19	?	7	7	X		X	YSI		
KUGMALLIT BAY	W10	69	42.30	132	36.80	76	07	19	?	7	7	X		X	YSI		
KUGMALLIT BAY	N03	69	42.40	132	35.30	76	07	20	?	6	6	X		X	YSI		
KUGMALLIT BAY	N05	69	42.60	132	35.30	76	07	20	?	7	7	X		X	YSI		
KUGMALLIT BAY	N10	69	42.80	132	35.30	76	07	20	?	6	6	X		X	YSI		
KUGMALLIT BAY	NW1	56	42.80	132	36.60	76	07	20	?	6	6	X		X	YSI		
KUGMALLIT BAY	S05	69	42.00	132	35.30	76	07	20	?	5	5	X		X	YSI		
KUGMALLIT BAY	S10	69	41.80	132	35.30	76	07	20	?	5	5	X		X	YSI		
KUGMALLIT BAY	N02	56	48.80	133	45.10	76	07	28	?	8	9	X		X	YSI		
KUGMALLIT BAY	N05	69	48.80	133	45.10	76	07	28	?	8	9	X		X	YSI		
KUGMALLIT BAY	N10	69	49.00	133	45.10	76	07	28	?	8	9	X		X	YSI		
KUGMALLIT BAY	N02	56	48.70	133	45.10	76	07	29	?	8	9	X		X	YSI		
KUGMALLIT BAY	N05	69	48.80	133	45.10	76	07	29	?	8	9	X		X	YSI		
KUGMALLIT BAY	N10	69	49.00	133	45.10	76	07	29	?	9	9	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	07	29	?	10	10	X		X	YSI		
KUGMALLIT BAY	S05	69	48.20	133	45.10	76	07	29	?	9	8	X		X	YSI		
KUGMALLIT BAY	S25	69	48.40	133	45.10	76	07	29	?	8	8	X		X	YSI		
KUGMALLIT BAY	W02	56	48.50	133	45.50	76	07	29	?	8	8	X		X	YSI		
KUGMALLIT BAY	W05	69	48.50	133	45.90	76	07	29	?	8	8	X		X	YSI		
KUGMALLIT BAY	W10	69	48.50	133	46.60	76	07	29	?	9	9	X		X	YSI		
KUGMALLIT BAY	S10	69	48.00	133	45.10	76	07	30	?	7	7	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	07	31	?	8	9	X		X	YSI		
KUGMALLIT BAY	STN	69	48.50	133	45.10	76	07	31	?	8	8	X		X	YSI		
KUGMALLIT BAY	E03	69	48.50	133	44.60	76	08	05	?	8	9	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	08	05	?	8	10	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	08	05	?	9	10	X		X	YSI		
KUGMALLIT BAY	E13	69	48.50	133	44.90	76	08	06	?	8	8	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	08	06	?	8	10	X		X	YSI		
KUGMALLIT BAY	E10	69	48.50	133	43.60	76	08	10	?	9	10	X		X	YSI		
KUGMALLIT BAY	N10	69	49.00	133	45.10	76	08	10	?	9	9	X		X	YSI		
KUGMALLIT BAY	S05	69	48.20	133	45.10	76	08	10	?	7	8	X		X	YSI		
KUGMALLIT BAY	S10	69	48.00	133	45.10	76	08	10	?	7	7	X		X	YSI		
KUGMALLIT BAY	S25	69	48.40	133	45.10	76	08	10	?	8	8	X		X	YSI		
KUGMALLIT BAY	W10	69	48.50	133	46.60	76	08	10	?	8	8	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	08	11	?	8	9	X		X	YSI		
KUGMALLIT BAY	SW1	36	48.50	133	45.20	76	08	11	?	8	8	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	08	20	?	10	10	X		X	YSI		
KUGMALLIT BAY	W05	69	48.50	133	45.90	76	08	22	?	7	8	X		X	YSI		
KUGMALLIT BAY	E05	69	48.50	133	44.30	76	08	24	?	8	8	X		X	YSI		
KUGMALLIT BAY	N05	69	48.80	133	45.10	76	08	24	?	8	9	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	08	24	?	10	10	X		X	YSI		
KUGMALLIT BAY	S05	69	48.20	133	45.10	76	08	24	?	7	8	X		X	YSI		
KUGMALLIT BAY	W05	69	48.50	133	45.90	76	08	24	?	7	8	X		X	YSI		
KUGMALLIT BAY	NW5	69	48.60	133	45.60	76	08	27	?	1	8	X		X	YSI		
KUGMALLIT BAY	SW2	56	48.40	133	45.20	76	08	27	?	0	8	X		X	YSI		
KUGMALLIT BAY	BW	69	43.30	132	37.70	76	09	02	?	6	6	X		X	YSI		
KUGMALLIT BAY	NEO	36	42.40	132	35.10	76	09	02	?	6	6	X		X	YSI		
KUGMALLIT BAY	NEO	56	42.50	132	34.90	76	09	02	?	6	6	X		X	YSI		
KUGMALLIT BAY	NE1	69	42.60	132	34.30	76	09	02	?	7	7	X		X	YSI		
KUGMALLIT BAY	NWO	36	42.40	132	35.50	76	09	02	?	6	6	X		X	YSI		
KUGMALLIT BAY	NWO	56	42.50	132	35.70	76	09	02	?	6	6	X		X	YSI		
KUGMALLIT BAY	NW1	56	42.80	132	36.60	76	09	02	?	8	8	X		X	YSI		
KUGMALLIT BAY	NW1	69	42.60	132	36.30	76	09	02	?	8	8	X		X	YSI		
KUGMALLIT BAY	SEO	36	42.20	132	35.10	76	09	02	?	5	5	X		X	YSI		
KUGMALLIT BAY	SEO	56	42.10	132	34.90	76	09	02	?	4	4	X		X	YSI		
KUGMALLIT BAY	SE1	69	42.00	132	34.30	76	09	02	?	5	5	X		X	YSI		
KUGMALLIT BAY	SWO	36	42.20	132	35.50	76	09	03	?	6	6	X		X	YSI		
KUGMALLIT BAY	SWO	56	42.10	132	35.70	76	09	03	?	6	6	X		X	YSI		
KUGMALLIT BAY	SW1	69	42.00	132	36.30	76	09	03	?	6	6	X		X	YSI		
KUGMALLIT BAY	E05	69	48.50	133	44.30	76	09	04	?	9	9	X		X	YSI		
KUGMALLIT BAY	N03	69	48.80	133	45.10	76	09	04	?	8	9	X		X	YSI		
KUGMALLIT BAY	N05	69	48.80	133	45.10	76	09	04	?	8	9	X		X	YSI		
KUGMALLIT BAY	N10	69	49.00	133	45.10	76	09	04	?	8	9	X		X	YSI		
KUGMALLIT BAY	N15	69	49.30	133	45.10	76	09	04	?	9	10	X		X	YSI		
KUGMALLIT BAY	S03	69	48.30	133	45.10	76	09	04	?	8	8	X		X	YSI		

KUGMALLIT BAY	S05	69	48.20	133	45.10	76	09	04	?	8	8	X		X	YSI		
KUGMALLIT BAY	S10	69	48.00	133	45.10	76	09	04	?	7	8	X		X	YSI		
KUGMALLIT BAY	E03	69	48.50	133	44.60	76	09	05	?	9	9	X		X	YSI		
KUGMALLIT BAY	E10	69	48.50	133	43.60	76	09	05	?	9	9	X		X	YSI		
KUGMALLIT BAY	W03	69	48.50	133	45.60	76	09	05	?	9	9	X		X	YSI		
KUGMALLIT BAY	W10	69	48.50	133	46.60	76	09	06	?	8	9	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 76-0004
YEAR: 1976 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
TUK. SHELF	E10	69	56.00	134	25.00	76	04	14	?	?	?	X		X	YSI		
TUK. SHELF	H47	69	56.00	134	25.00	76	08	14	?	12	12	X		X	YSI		
TUK. SHELF	H47	69	56.00	134	25.00	76	08	15	?	12	12	X		X	YSI		
TUK. SHELF	G42	70	00.00	131	12.00	76	08	16	?	11	11	X		X	YSI		
TUK. SHELF	W15	70	00.00	131	12.00	76	08	16	?	9	9	X		X	YSI		
TUK. SHELF	NN	69	59.00	134	23.00	76	08	30	?	?	?	X		X	YSI		
MACKENZIE BAY	NNE	69	59.00	134	23.00	76	08	30	?	?	?	X		X	YSI		
MACKENZIE BAY	IGK	69	44.00	135	13.00	76	09	01	?	?	?	X		X	YSI		
MACKENZIE BAY	NPK	69	46.00	135	28.00	76	09	01	?	?	?	X		X	YSI		
MACKENZIE BAY	PKQ	69	39.00	136	25.00	76	09	02	?	?	?	X		X	YSI		
MACKENZIE BAY		69	47.00	136	45.00	76	09	03	?	?	?	X		X	YSI		
MACKENZIE BAY	MNK	69	43.00	136	28.00	76	09	05	?	?	?	X		X	YSI		
TUK. SHELF	ERN	69	49.00	133	03.00	76	09	07	?	?	?	X		X	YSI		
MACKENZIE BAY	KDK	69	49.00	136	10.00	76	09	07	?	?	?	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 76-0020
YEAR: 1976 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
MACKENZIE BAY	009	69	37.00	136	06.50	76	07	19	?	6	?		X	X	BOTT		
KUGMALLIT BAY	010	69	38.50	133	23.20	76	07	19	?	6	?		X	X	BOTT		
KUGMALLIT BAY	011	69	35.35	133	16.60	76	07	19	?	5	?		X		BOTT		
KUGMALLIT BAY	012	69	32.20	133	11.00	76	07	19	?	5	?		X		BOTT		
KUGMALLIT BAY	013	69	29.90	133	05.50	76	07	20	?	5	?		X	X	BOTT		
KUGMALLIT BAY	014	69	28.20	133	15.50	76	07	20	?	3	?		X		BOTT		
KUGMALLIT BAY	015	69	26.70	133	24.30	76	07	20	?	3	?		X	X	BOTT		
KUGMALLIT BAY	016	69	27.00	133	02.00	76	07	23	?	12	?		X	X	BOTT		
LIVERPOOL BAY	017	69	27.67	130	57.00	76	07	31	?	24	?		X		BOTT		
LIVERPOOL BAY	018	69	42.75	130	12.00	76	08	03	?	12	?		X	X	BOTT		
LIVERPOOL BAY	019	69	45.05	130	16.00	76	08	03	?	14	?		X	X	BOTT		
LIVERPOOL BAY	020	69	47.20	130	19.50	76	08	04	?	11	?		X	X	BOTT		
LIVERPOOL BAY	021	69	51.00	129	19.50	76	08	06	?	15	?		X	X	BOTT		
LIVERPOOL BAY	022	69	53.00	129	23.42	76	08	06	?	18	?		X	X	BOTT		
LIVERPOOL BAY	023	69	55.00	129	27.20	76	08	06	?	16	?		X	X	BOTT		
LIVERPOOL BAY	024	69	57.55	129	32.20	76	08	06	?	14	?		X	X	BOTT		
LIVERPOOL BAY	025	70	06.08	129	14.50	76	08	10	?	9	?		X	X	BOTT		
LIVERPOOL BAY	026	70	06.08	128	59.55	76	08	10	?	14	?		X	X	BOTT		
LIVERPOOL BAY	027	70	06.08	128	45.75	76	08	10	?	11	?		X	X	BOTT		
LIVERPOOL BAY	028	70	06.08	128	30.62	76	08	10	?	9	?		X	X	BOTT		
LIVERPOOL BAY	029	70	17.50	129	34.33	76	08	16	?	5	?		X	X	BOTT		
LIVERPOOL BAY	030	69	39.37	130	35.17	76	08	19	?	7	?		X	X	BOTT		
LIVERPOOL BAY	031	69	35.07	130	30.00	76	08	19	?	6	?		X	X	BOTT		
LIVERPOOL BAY	032	70	30.75	128	25.00	76	08	24	?	15	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0036
YEAR:1976 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ESKIMO LAKES	HB	68	52.	133	26.	76	06	24	?	2.0	7.5	X		X	YSI		
ESKIMO LAKES	HB	68	52.	133	26.	76	07	01	?	2.0	7.5	X		X	YSI		
ESKIMO LAKES	HB	68	52.	133	26.	76	07	02	?	2.0	7.5	X		X	YSI		
ESKIMO LAKES	HB	68	52.	133	26.	76	07	19	?	2.0	7.5	X		X	YSI		
ESKIMO LAKES	HB	68	52.	133	26.	76	07	31	?	2.0	7.5	X		X	YSI		
ESKIMO LAKES	HB	68	52.	133	26.	76	08	10	?	2.0	7.5	X		X	YSI		
ESKIMO LAKES	HB	68	52.	133	26.	76	09	11	?	2.0	7.5	X		X	YSI		
ESKIMO LAKES	HB	68	52.	133	26.	76	09	19	?	2.0	7.5	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 77-0001
YEAR:1977 VESSEL/AGENCY: FF SLANEY SLANEY CO. LTD.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY	1	68	42.90	135	26.30	77	07	04	?	1	1	X		X	TC-2		
MACKENZIE BAY	2	68	51.20	135	42.50	77	07	04	?	4	4	X		X	TC-2		
MACKENZIE BAY	3	68	56.10	136	17.90	77	07	04	?	2	2	X		X	TC-2		
MACKENZIE BAY	5	68	56.60	137	01.00	77	07	04	?	2	2	X		X	TC-2		
MACKENZIE BAY	6	69	04.50	136	19.00	77	07	04	?	2	2	X		X	TC-2		
MACKENZIE BAY	7	69	04.20	136	39.20	77	07	04	?	1	1	X		X	TC-2		
MACKENZIE BAY	9	69	02.90	137	28.30	77	07	04	?	7	7	X		X	TC-2		
MACKENZIE BAY	10	69	12.00	136	07.50	77	07	04	?	1	1	X		X	TC-2		
MACKENZIE BAY	11	69	11.70	136	40.20	77	07	04	?	2	2	X		X	TC-2		
MACKENZIE BAY	12	69	11.40	137	02.80	77	07	04	?	4	4	X		X	TC-2		
MACKENZIE BAY	13	69	11.00	137	30.00	77	07	04	?	18	18	X		X	TC-2		
MACKENZIE BAY	14	69	20.70	135	53.10	77	07	04	?	1	1	X		X	TC-2		
MACKENZIE BAY	16	69	20.10	136	41.50	77	07	04	?	3	3	X		X	TC-2		
MACKENZIE BAY	17	69	19.00	137	02.20	77	07	04	?	7	7	X		X	TC-2		
MACKENZIE BAY	18	69	17.90	137	31.30	77	07	04	?	34	34	X		X	TC-2		
MACKENZIE BAY	22	69	26.60	137	05.00	77	07	04	?	16	16	X		X	TC-2		
MACKENZIE BAY	23	69	26.00	137	32.50	77	07	04	?	44	44	X		X	TC-2		
MACKENZIE BAY	1	68	42.90	135	26.30	77	07	19	?	0	1	X		X	TC-2		
MACKENZIE BAY	2	68	51.20	135	42.50	77	07	19	?	4	4	X		X	TC-2		
MACKENZIE BAY	3	68	56.10	136	17.90	77	07	19	?	0	2	X		X	TC-2		
MACKENZIE BAY	4	68	55.70	136	38.80	77	07	19	?	0	2	X		X	TC-2		
MACKENZIE BAY	5	68	56.60	137	01.00	77	07	19	?	0	2	X		X	TC-2		
MACKENZIE BAY	6	69	04.50	136	19.00	77	07	19	?	0	2	X		X	TC-2		
MACKENZIE BAY	7	69	04.20	136	39.20	77	07	19	?	0	1	X		X	TC-2		
MACKENZIE BAY	8	69	04.00	136	01.10	77	07	19	?	0	2	X		X	TC-2		
MACKENZIE BAY	9	69	02.90	137	28.30	77	07	19	?	0	7	X		X	TC-2		
MACKENZIE BAY	10	69	12.00	136	07.50	77	07	19	?	0	1	X		X	TC-2		
MACKENZIE BAY	11	69	11.70	136	40.20	77	07	19	?	0	2	X		X	TC-2		
MACKENZIE BAY	12	69	11.40	137	02.80	77	07	19	?	0	4	X		X	TC-2		
MACKENZIE BAY	13	69	11.00	137	30.00	77	07	19	?	0	18	X		X	TC-2		
MACKENZIE BAY	14	69	20.70	135	53.10	77	07	19	?	0	1	X		X	TC-2		
MACKENZIE BAY	15	69	20.50	136	10.00	77	07	19	?	0	1	X		X	TC-2		
MACKENZIE BAY	16	69	20.10	136	41.50	77	07	19	?	0	3	X		X	TC-2		
MACKENZIE BAY	17	69	19.00	137	02.20	77	07	19	?	0	7	X		X	TC-2		
MACKENZIE BAY	18	69	17.90	137	31.30	77	07	19	?	34	34	X		X	TC-2		
MACKENZIE BAY	19	69	27.30	135	47.10	77	07	19	?	0	2	X		X	TC-2		
MACKENZIE BAY	20	69	26.90	136	12.20	77	07	19	?	0	3	X		X	TC-2		
MACKENZIE BAY	21	69	26.80	136	42.00	77	07	19	?	0	6	X		X	TC-2		
MACKENZIE BAY	22	69	26.60	137	05.00	77	07	19	?	0	16	X		X	TC-2		
MACKENZIE BAY	23	69	26.00	137	32.50	77	07	19	?	44	44	X		X	TC-2		
MACKENZIE BAY	24	69	33.20	137	33.40	77	07	19	?	11	11	X		X	TC-2		
MACKENZIE BAY	25	69	33.60	136	42.00	77	07	19	?	52	52	X		X	TC-2		
MACKENZIE BAY	26	69	32.60	135	40.80	77	07	19	?	0	1	X		X	TC-2		
MACKENZIE BAY	1	68	42.90	135	25.30	77	07	25	?	1	1	X		X	TC-2		
MACKENZIE BAY	2	68	51.20	135	42.50	77	07	25	?	4	4	X		X	TC-2		
MACKENZIE BAY	3	68	56.10	136	17.90	77	07	25	?	2	2	X		X	TC-2		
MACKENZIE BAY	4	68	55.70	136	38.80	77	07	25	?	0	2	X		X	TC-2		
MACKENZIE BAY	5	68	56.60	137	01.00	77	07	25	?	0	2	X		X	TC-2		

MACKENZIE BAY	6	69	04.50	136	19.00	77	07	25	?	0	2	X		X	TC-2
MACKENZIE BAY	7	69	04.20	136	39.20	77	07	25	?	0	1	X		X	TC-2
MACKENZIE BAY	8	69	04.00	136	01.10	77	07	25	?	0	2	X		X	TC-2
MACKENZIE BAY	9	69	02.90	137	28.30	77	07	25	?	7	7	X		X	TC-2
MACKENZIE BAY	10	69	12.00	136	07.50	77	07	25	?	1	1	X		X	TC-2
MACKENZIE BAY	11	69	11.70	136	40.20	77	07	25	?	0	2	X		X	TC-2
MACKENZIE BAY	12	69	11.40	137	02.80	77	07	25	?	0	4	X		X	TC-2
MACKENZIE BAY	13	69	11.00	137	30.00	77	07	25	?	0	18	X		X	TC-2
MACKENZIE BAY	14	69	20.70	135	53.10	77	07	25	?	1	1	X		X	TC-2
MACKENZIE BAY	15	69	20.50	136	10.00	77	07	25	?	1	1	X		X	TC-2
MACKENZIE BAY	16	69	20.10	136	41.50	77	07	25	?	0	3	X		X	TC-2
MACKENZIE BAY	17	69	19.00	137	02.20	77	07	25	?	7	7	X		X	TC-2
MACKENZIE BAY	18	69	17.90	137	31.30	77	07	25	?	34	34	X		X	TC-2
MACKENZIE BAY	19	69	27.30	135	47.10	77	07	25	?	2	2	X		X	TC-2
MACKENZIE BAY	20	69	26.90	136	12.20	77	07	25	?	3	3	X		X	TC-2
MACKENZIE BAY	21	69	26.80	136	42.00	77	07	25	?	6	6	X		X	TC-2
MACKENZIE BAY	22	69	26.60	137	05.00	77	07	25	?	16	16	X		X	TC-2
MACKENZIE BAY	23	69	26.00	137	32.50	77	07	25	?	44	44	X		X	TC-2
MACKENZIE BAY	24	69	33.20	137	33.40	77	07	25	?	0	11	X		X	TC-2
MACKENZIE BAY	25	69	33.60	136	42.00	77	07	25	?	52	52	X		X	TC-2
MACKENZIE BAY	26	69	32.60	135	40.80	77	07	25	?	1	1	X		X	TC-2
MACKENZIE BAY	1	68	42.90	135	25.30	77	08	04	?	4	1	X		X	TC-2
MACKENZIE BAY	2	68	51.20	135	42.50	77	08	04	?	4	4	X		X	TC-2
MACKENZIE BAY	3	68	56.10	136	17.90	77	08	04	?	2	2	X		X	TC-2
MACKENZIE BAY	4	68	55.70	136	38.80	77	08	04	?	0	2	X		X	TC-2
MACKENZIE BAY	5	68	56.60	137	01.00	77	08	04	?	0	2	X		X	TC-2
MACKENZIE BAY	6	69	04.50	136	19.00	77	08	04	?	0	2	X		X	TC-2
MACKENZIE BAY	7	69	04.20	136	39.20	77	08	04	?	0	1	X		X	TC-2
MACKENZIE BAY	8	69	04.00	136	01.10	77	08	04	?	0	2	X		X	TC-2
MACKENZIE BAY	9	69	02.90	137	28.30	77	08	04	?	0	7	X		X	TC-2
MACKENZIE BAY	10	69	12.00	136	07.50	77	08	04	?	0	1	X		X	TC-2
MACKENZIE BAY	11	69	11.70	136	40.20	77	08	04	?	0	2	X		X	TC-2
MACKENZIE BAY	12	69	11.40	137	02.80	77	08	04	?	0	4	X		X	TC-2
MACKENZIE BAY	13	69	11.00	137	30.00	77	08	04	?	0	18	X		X	TC-2
MACKENZIE BAY	14	69	20.70	135	53.10	77	08	04	?	0	1	X		X	TC-2
MACKENZIE BAY	15	69	20.50	136	10.00	77	08	04	?	0	1	X		X	TC-2
MACKENZIE BAY	16	69	20.10	136	41.50	77	08	04	?	0	3	X		X	TC-2
MACKENZIE BAY	17	69	19.00	137	02.20	77	08	04	?	0	7	X		X	TC-2
MACKENZIE BAY	18	69	17.90	137	31.30	77	08	04	?	0	34	X		X	TC-2
MACKENZIE BAY	19	69	27.30	135	47.10	77	08	04	?	0	2	X		X	TC-2
MACKENZIE BAY	20	69	26.90	136	12.20	77	08	04	?	0	3	X		X	TC-2
MACKENZIE BAY	21	69	26.80	136	42.00	77	08	04	?	0	6	X		X	TC-2
MACKENZIE BAY	22	69	26.60	137	05.00	77	08	04	?	0	16	X		X	TC-2
MACKENZIE BAY	23	69	26.00	137	32.50	77	08	04	?	0	44	X		X	TC-2
MACKENZIE BAY	25	69	33.60	136	42.00	77	08	04	?	0	52	X		X	TC-2
MACKENZIE BAY	26	69	32.60	135	40.80	77	08	04	?	0	1	X		X	TC-2
MACKENZIE BAY	1	68	42.90	135	25.30	77	08	11	?	0	1	X		X	TC-2
MACKENZIE BAY	2	68	51.20	135	42.50	77	08	11	?	0	4	X		X	TC-2
MACKENZIE BAY	3	68	56.10	136	17.90	77	08	11	?	0	2	X		X	TC-2
MACKENZIE BAY	4	68	55.70	136	38.80	77	08	11	?	0	2	X		X	TC-2
MACKENZIE BAY	5	68	56.60	137	01.00	77	08	11	?	0	2	X		X	TC-2
MACKENZIE BAY	6	69	04.50	136	19.00	77	08	11	?	0	2	X		X	TC-2
MACKENZIE BAY	7	69	04.20	136	39.20	77	08	11	?	0	1	X		X	TC-2
MACKENZIE BAY	8	69	04.00	136	01.10	77	08	11	?	0	2	X		X	TC-2
MACKENZIE BAY	9	69	02.90	137	28.30	77	08	11	?	0	7	X		X	TC-2
MACKENZIE BAY	10	69	12.00	136	07.50	77	08	11	?	0	1	X		X	TC-2
MACKENZIE BAY	11	69	11.70	136	40.20	77	08	11	?	0	2	X		X	TC-2
MACKENZIE BAY	12	69	11.40	137	02.80	77	08	11	?	0	4	X		X	TC-2
MACKENZIE BAY	13	69	11.00	137	30.00	77	08	11	?	0	18	X		X	TC-2
MACKENZIE BAY	14	69	20.70	135	53.10	77	08	11	?	0	1	X		X	TC-2
MACKENZIE BAY	15	69	20.50	136	10.00	77	08	11	?	0	1	X		X	TC-2
MACKENZIE BAY	16	69	20.10	136	41.50	77	08	11	?	0	3	X		X	TC-2
MACKENZIE BAY	17	69	19.00	137	02.20	77	08	11	?	0	7	X		X	TC-2
MACKENZIE BAY	18	69	17.90	137	31.30	77	08	11	?	0	34	X		X	TC-2

BOTTLE/CTD DATA SET NUMBER: 77-0002
YEAR:1977 VESSEL/AGENCY: AQ.ENV.LTD.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	S	T		HR	
TUK. SHELF	6	69	43.20	132	33.70	77	07	16	?	0	?	X		X	BOTT		
TUK. SHELF	8	69	42.10	132	34.80	77	07	16	?	0	?	X		X	BOTT		
TUK. SHELF	5	69	43.30	132	36.50	77	07	17	?	0	?	X		X	BOTT		
TUK. SHELF	7	69	43.10	132	38.20	77	07	17	?	0	?	X		X	BOTT		

TUK. SHELF	9	69	39.00	132	40.50	77	07	18	?	0	?	X		X	BOTT	
TUK. SHELF	10	69	38.90	132	37.40	77	07	18	?	0	?	X		X	BOTT	
TUK. SHELF	11	69	40.00	132	28.40	77	07	19	?	0	?	X		X	BOTT	
TUK. SHELF	12	69	39.20	132	27.60	77	07	19	?	0	?	X		X	BOTT	
TUK. SHELF	3	69	44.50	132	21.10	77	07	21	?	0	?	X		X	BOTT	
TUK. SHELF	4	69	46.30	132	14.00	77	07	21	?	0	?	X		X	BOTT	
TUK. SHELF	2	69	42.00	132	16.20	77	07	22	?	0	?	X		X	BOTT	
TUK. SHELF	1	69	44.30	132	30.60	77	07	23	?	0	?	X		X	BOTT	
TUK. SHELF	5	69	43.30	132	36.50	77	08	27	?	0	?	X		X	BOTT	
TUK. SHELF	7	69	43.10	132	38.20	77	08	27	?	0	?	X		X	BOTT	
TUK. SHELF	6	69	43.20	132	33.70	77	08	28	?	0	?	X		X	BOTT	
TUK. SHELF	8	69	42.10	132	34.80	77	08	28	?	0	?	X		X	BOTT	
TUK. SHELF	1	69	44.30	132	30.60	77	08	30	?	0	?	X		X	BOTT	
TUK. SHELF	2	69	42.00	132	16.20	77	08	30	?	0	?	X		X	BOTT	
TUK. SHELF	3	69	44.50	132	21.10	77	08	30	?	0	?	X		X	BOTT	
TUK. SHELF	4	69	46.30	132	14.00	77	08	30	?	0	?	X		X	BOTT	
TUK. SHELF	9	69	39.00	132	40.50	77	08	31	?	0	?	X		X	BOTT	
TUK. SHELF	10	69	38.90	132	37.40	77	08	31	?	0	?	X		X	BOTT	
TUK. SHELF	11	69	40.00	132	28.40	77	09	02	?	0	?	X		X	BOTT	
TUK. SHELF	12	69	39.20	132	27.60	77	09	02	?	0	?	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 77-0003
YEAR:1977 VESSEL/AGENCY: PANDORA II,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
AMUNDSEN GULF	14	71	14.10	124	32.50	77	08	11	15	300	330	X		X	BOTT	
AMUNDSEN GULF	15	71	02.70	124	44.80	77	08	11	10	330	345	X		X	BOTT	
AMUNDSEN GULF	16	70	48.40	125	02.60	77	08	11	06	300	310	X		X	BOTT	
AMUNDSEN GULF	17	70	35.50	125	15.90	77	08	11	02	240	250	X		X	BOTT	
AMUNDSEN GULF	19	70	16.50	126	59.70	77	08	14	08	100	120	X		X	BOTT	
AMUNDSEN GULF	20	70	36.50	126	37.40	77	08	14	12	300	346	X		X	BOTT	
AMUNDSEN GULF	21	70	55.30	126	27.50	77	08	14	16	320	343	X		X	BOTT	
AMUNDSEN GULF	22	71	17.20	126	25.70	77	08	14	22	450	460	X		X	BOTT	
AMUNDSEN GULF	23	71	37.40	126	28.90	77	08	15	02	450	470	X		X	BOTT	
AMUNDSEN GULF	24	70	36.00	121	46.90	77	08	21	13	500	538	X		X	BOTT	
AMUNDSEN GULF	25	70	12.40	121	19.10	77	08	21	19	370	398	X		X	BOTT	
AMUNDSEN GULF	26	69	59.50	121	09.20	77	08	21	23	350	370	X		X	BOTT	
AMUNDSEN GULF	27	70	34.30	119	19.00	77	08	29	16	320	337	X		X	BOTT	
AMUNDSEN GULF	28	71	01.70	119	12.00	77	08	29	22	150	168	X		X	BOTT	
AMUNDSEN GULF	29	71	22.40	119	04.30	77	08	30	02	100	120	X		X	BOTT	
AMUNDSEN GULF	30	70	34.50	120	26.00	77	09	06	17	300	321	X		X	BOTT	
AMUNDSEN GULF	31	70	49.10	120	34.20	77	09	06	20	250	270	X		X	BOTT	
AMUNDSEN GULF	32	71	01.80	120	40.60	77	09	06	23	170	188	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 77-0004
YEAR:1977 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
TUK. SHELF	6	69	45.40	139	44.60	77	10	06	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	06	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	08	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	09	?	20	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	10	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	11	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	12	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	13	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	14	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	15	?	30	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	17	?	0	34	X		X	BOTT	
TUK. SHELF	6	69	45.40	139	44.60	77	10	18	?	30	34	X		X	BOTT	
TUK. SHELF	3	70	09.10	132	44.10	77	07	21	?	30	30	X		X	BOTT	
TUK. SHELF	3	70	09.10	132	44.10	77	07	22	?	30	30	X		X	BOTT	
TUK. SHELF	3	70	09.10	132	44.10	77	07	23	?	30	30	X		X	BOTT	

TUK. SHELF	3	70 09.10	132 44.10	77 07 24	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 07 25	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 07 26	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 07 27	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 07 28	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 07 14	?	20	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 07 30	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 07 31	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 01	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 02	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 03	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 06	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 07	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 08	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 09	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 10	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 11	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 12	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 13	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 14	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 15	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 16	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 17	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 18	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 19	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 20	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 21	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 22	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 23	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 24	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 25	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 26	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 27	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 28	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 29	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 30	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 08 31	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 01	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 02	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 03	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 04	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 05	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 06	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 07	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 08	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 09	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 10	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 19	?	20	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 20	?	20	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 21	?	0	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 22	?	20	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 22	?	20	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 23	?	20	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 25	?	20	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 28	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 09 29	?	30	30	X	X	BOTT
TUK. SHELF	3	70 09.10	132 44.10	77 10 22	?	30	30	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 07 26	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 07 27	?	50	57	X	X	EOTT
TUK. SHELF	102	70 22.90	135 05.60	77 07 28	?	50	57	X	X	EOTT
TUK. SHELF	102	70 22.90	135 05.60	77 07 29	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 07 30	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 07 31	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 01	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 02	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 03	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 04	?	0	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 05	?	0	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 06	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 07	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 08	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 09	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 10	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 11	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 12	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 13	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 14	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 15	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 15	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 16	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 17	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 18	?	50	57	X	X	BOTT
TUK. SHELF	102	70 22.90	135 05.60	77 08 19	?	50	57	X	X	BOTT

TUK. SHELF	102	70	22.90	135	05.60	77	08	20	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	21	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	22	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	23	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	24	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	25	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	26	?	0	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	27	?	40	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	25	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	29	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	30	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	08	31	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	01	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	03	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	04	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	05	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	06	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	07	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	08	?	40	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	09	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	10	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	11	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	12	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	13	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	14	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	15	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	16	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	17	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	18	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	19	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	20	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	22	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	23	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	24	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	25	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	26	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	27	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	28	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	09	29	?	50	57	X	X	BOTT
TUK. SHELF	102	70	22.90	135	05.60	77	10	01	?	50	57	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	10	?	06	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	14	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	16	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	17	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	18	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	19	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	20	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	21	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	22	?	15	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	23	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	24	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	25	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	26	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	27	?	20	29	X	X	BOTT
TUK. SHELF	107	70	34.10	130	51.30	77	07	28	?	20	29	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	07	30	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	07	31	?	40	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	01	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	02	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	03	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	04	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	05	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	06	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	07	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	08	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	09	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	10	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	11	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	12	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	13	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.30	136	16.90	77	08	14	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	15	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	16	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	17	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	18	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	19	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	20	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	21	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	22	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	23	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	24	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	25	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	26	?	60	63	X	X	BOTT

TUK. SHELF	8	70	28.60	136	16.90	77	08	27	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	28	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	29	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	30	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	08	31	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	01	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	02	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	03	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	04	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	05	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	06	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	07	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	08	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	09	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	10	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	11	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	12	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	13	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	14	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	15	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	16	?	0	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	17	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	18	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	19	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	20	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	21	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	22	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	23	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	24	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	25	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	26	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	27	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	28	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	29	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	09	30	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	01	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	02	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	03	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	04	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	05	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	06	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	07	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	08	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	09	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	10	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	11	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	12	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	13	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	10	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	11	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	12	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	13	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	10	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	11	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	12	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	13	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	10	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	11	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	12	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	13	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	10	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	11	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	12	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	13	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	10	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	11	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	12	?	50	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	13	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	14	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	15	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	16	?	60	63	X	X	BOTT
TUK. SHELF	8	70	28.60	136	16.90	77	10	16	?	60	63	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	11	?	40	52	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	13	?	50	52	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	12	?	50	52	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	14	?	50	52	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	15	?	50	52	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	16	?	50	52	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	17	?	50	52	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	17	?	50	52	X	X	BOTT
TUK. SHELF	105	70	27.60	133	25.10	77	10	18	?	30	52	X	X	BOTT
TUK. SHELF	105	70	10.60	132	58.90	77	09	20	?	30	52	X	X	BOTT
TUK. SHELF	105	70	10.60	132	58.90	77	09	24	?	20	52	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 77-0009
YEAR:1977 VESSEL/AGENCY: ENVIROCON

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	1123	69 56.00	133 18.50	77	07	26	17	12	13	X		X	YSI		
TUK. SHELF	1124	69 54.80	133 09.70	77	07	27	15	12	12	X		X	YSI		
TUK. SHELF	1122	69 56.30	133 20.70	77	07	27	19	12	12	X		X	YSI		
TUK. SHELF	0223	69 57.40	133 20.20	77	07	27	21	12	12	X		X	YSI		
TUK. SHELF	2923	69 56.80	133 24.30	77	07	28	?	12	13	X		X	YSI		
TUK. SHELF	1121	69 56.30	133 21.00	77	07	28	12	12	12	X		X	YSI		
TUK. SHELF	0221	69 56.60	133 21.20	77	07	28	14	12	12	X		X	YSI		
TUK. SHELF	2023	69 55.40	133 22.60	77	07	28	18	12	12	X		X	YSI		
TUK. SHELF	2923	69 56.80	133 24.30	77	07	29	14	12	13	X		X	YSI		
TUK. SHELF	2024	69 52.40	133 26.10	77	07	30	10	10	10	X		X	YSI		
TUK. SHELF	2022	69 56.20	133 21.70	77	07	30	13	12	12	X		X	YSI		
TUK. SHELF	2924	69 58.00	133 33.10	77	07	30	15	13	14	X		X	YSI		
TUK. SHELF	2922	69 56.50	133 22.10	77	07	30	21	12	12	X		X	YSI		
TUK. SHELF	2921	69 56.50	133 21.80	77	07	30	23	12	13	X		X	YSI		
TUK. SHELF	0222	69 56.60	133 21.10	77	07	31	08	12	13	X		X	YSI		
TUK. SHELF	0224	70 00.40	133 16.70	77	07	31	12	14	16	X		X	YSI		
TUK. SHELF	2021	69 56.30	133 21.60	77	07	31	13	12	12	X		X	YSI		
TUK. SHELF	2021	69 56.30	133 21.60	77	08	25	14	12	12	X		X	YSI		
TUK. SHELF	0221	69 56.60	133 21.20	77	08	25	17	12	12	X		X	YSI		
TUK. SHELF	1123	69 56.00	133 18.50	77	08	26	10	12	13	X		X	YSI		
TUK. SHELF	2923	69 56.80	133 24.30	77	08	26	11	12	13	X		X	YSI		
TUK. SHELF	2922	69 56.50	133 22.10	77	08	26	15	12	12	X		X	YSI		
TUK. SHELF	2024	69 52.40	133 26.10	77	08	26	16	10	10	X		X	YSI		
TUK. SHELF	2924	69 58.00	133 33.10	77	08	28	21	13	14	X		X	YSI		
TUK. SHELF	1122	69 56.30	133 20.70	77	08	29	07	12	12	X		X	YSI		
TUK. SHELF	0222	69 56.60	133 21.10	77	08	29	08	12	13	X		X	YSI		
TUK. SHELF	1124	69 54.80	133 09.70	77	08	29	14	12	12	X		X	YSI		
TUK. SHELF	0223	69 57.40	133 20.20	77	08	29	15	12	12	X		X	YSI		
TUK. SHELF	1121	69 56.30	133 21.00	77	08	29	16	12	12	X		X	YSI		
TUK. SHELF	0224	70 00.40	133 16.70	77	08	29	16	14	16	X		X	YSI		
TUK. SHELF	2023	69 55.40	133 22.60	77	08	29	19	12	12	X		X	YSI		
TUK. SHELF	2022	69 56.20	133 21.70	77	08	29	21	12	12	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 77-0010
YEAR:1977 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF		70 14.0	132 50.0	77	09	?	?	?	?	X			BOTT		
TUK. SHELF		70 10.0	132 30.0	77	09	?	?	?	?	X			BOTT		

BOTTLE/CTD DATA SET NUMBER: 77-0035
YEAR:1977 VESSEL/AGENCY: SALVELINUS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
LIVERPOOL BAY	002	70 21.00	128 02.00	77	07	21	?	0	?		X		BOTT		
LIVERPOOL BAY	002	70 21.00	128 02.00	77	07	22	?	3	?		X	X	BOTT		
LIVERPOOL BAY	003	70 19.70	128 08.00	77	07	22	?	5	?		X	X	BOTT		
LIVERPOOL BAY	004	70 18.80	128 16.70	77	07	22	?	6	?		X	X	BOTT		
LIVERPOOL BAY	005	70 19.30	128 29.50	77	07	22	?	9	?		X	X	BOTT		
LIVERPOOL BAY	007	69 26.50	130 55.50	77	07	26	?	0	?		X	X	BOTT		
LIVERPOOL BAY	008	69 47.80	130 21.80	77	07	26	?	4	?		X	X	BOTT		

LIVERPOOL BAY	010	69	45.10	130	15.00	77	07	26	?	6	?		X	X	BOTT		
LIVERPOOL BAY	011	69	42.20	130	11.80	77	07	26	?	5	?		X	X	BOTT		
LIVERPOOL BAY	012	69	56.50	128	53.90	77	07	27	?	0	?		X	X	BOTT		
LIVERPOOL BAY	013	69	55.10	128	36.20	77	07	27	?	5	?		X	X	BOTT		
LIVERPOOL BAY	014	70	00.60	128	28.50	77	07	27	?	5	?		X	X	BOTT		
AMUNDSEN GULF	016	70	37.70	127	20.00	77	07	28	?	240	?		X	X	BOTT		
AMUNDSEN GULF	021	70	33.80	126	53.00	77	07	29	?	335	?		X	X	BOTT		
LIVERPOOL BAY	102	70	21.90	128	12.50	77	07	31	?	4	?		X	X	BOTT		
LIVERPOOL BAY	024	70	32.40	127	24.20	77	08	04	?	16	?		X	X	BOTT		
LIVERPOOL BAY	030	70	29.50	128	16.50	77	08	05	?	6	?		X	X	BOTT		
LIVERPOOL BAY	031	70	11.70	127	55.80	77	08	08	?	0	?		X	X	BOTT		
LIVERPOOL BAY	032	69	59.70	129	26.70	77	08	08	?	7	?		X	X	BOTT		
LIVERPOOL BAY	032	69	59.70	129	26.70	77	08	10	?	7	?		X	X	BOTT		
LIVERPOOL BAY	115	69	48.80	130	20.20	77	08	09	?	0	?		X	X	BOTT		
LIVERPOOL BAY	033	70	12.60	129	20.00	77	08	10	?	6	?		X	X	BOTT		
TUK. SHELF	034	70	14.80	130	09.30	77	08	10	?	8	?		X	X	BOTT		
TUK. SHELF	035	70	09.50	130	51.30	77	08	10	?	5	?		X	X	BOTT		
TUK. SHELF	036	69	53.80	131	11.20	77	08	12	?	0	?		X	X	BOTT		
TUK. SHELF	037	69	58.70	131	08.00	77	08	12	?	5	?		X	X	BOTT		
TUK. SHELF	122	69	45.80	132	10.70	77	08	13	?	0	?		X	X	BOTT		
TUK. SHELF	038	69	45.40	132	10.70	77	08	13	?	0	?		X	X	BOTT		
TUK. SHELF	123	69	45.60	132	12.80	77	08	13	?	0	?		X	X	BOTT		
TUK. SHELF	124	69	44.60	131	59.40	77	08	13	?	0	?		X	X	BOTT		
TUK. SHELF	125	69	44.20	131	58.40	77	08	13	?	0	?		X	X	BOTT		
TUK. SHELF	039	69	44.30	132	06.70	77	08	14	?	0	?		X	X	BOTT		
TUK. SHELF	041	69	47.10	132	21.80	77	08	14	?	0	?		X	X	BOTT		
TUK. SHELF	042	69	45.30	132	29.50	77	08	14	?	8	?		X	X	BOTT		
TUK. SHELF	043	69	46.50	132	32.30	77	08	14	?	0	?		X	X	BOTT		
TUK. SHELF	044	69	47.50	132	35.90	77	08	14	?	8	?		X	X	BOTT		
TUK. SHELF	045	69	48.20	132	38.00	77	08	14	?	0	?		X	X	BOTT		
TUK. SHELF	046	69	49.00	132	39.80	77	08	14	?	9	?		X	X	BOTT		
TUK. SHELF	047	69	49.80	132	41.50	77	08	14	?	0	?		X	X	BOTT		
TUK. SHELF	048	69	43.50	132	35.00	77	08	16	?	0	?		X	X	BOTT		
KUGMALLIT BAY	049	69	31.90	133	01.10	77	08	20	?	4	?		X	X	BOTT		
KUGMALLIT BAY	050	69	31.80	133	05.00	77	08	20	?	0	?		X	X	BOTT		
KUGMALLIT BAY	051	69	31.70	133	11.00	77	08	20	?	4	?		X	X	BOTT		
KUGMALLIT BAY	052	69	31.60	133	16.70	77	08	20	?	0	?		X	X	BOTT		
KUGMALLIT BAY	053	69	31.20	133	22.50	77	08	20	?	3	?		X	X	BOTT		
KUGMALLIT BAY	054	69	30.60	133	27.00	77	08	20	?	0	?		X	X	BOTT		
KUGMALLIT BAY	127	69	35.80	133	01.60	77	08	21	?	0	?		X	X	BOTT		
KUGMALLIT BAY	128	69	36.00	133	11.10	77	08	21	?	0	?		X	X	BOTT		
KUGMALLIT BAY	129	69	36.00	133	20.40	77	08	21	?	0	?		X	X	BOTT		
KUGMALLIT BAY	131	69	32.70	134	02.60	77	08	23	?	0	?		X	X	BOTT		
KUGMALLIT BAY	132	69	32.00	134	00.30	77	08	23	?	0	?		X	X	BOTT		
KUGMALLIT BAY	055	69	37.30	133	00.50	77	08	23	?	6	?		X	X	BOTT		
KUGMALLIT BAY	056	69	37.30	133	09.00	77	08	23	?	0	?		X	X	BOTT		
KUGMALLIT BAY	057	69	37.30	133	17.00	77	08	23	?	5	?		X	X	BOTT		
KUGMALLIT BAY	058	69	37.30	133	25.70	77	08	23	?	0	?		X	X	BOTT		
KUGMALLIT BAY	059	69	37.30	133	34.40	77	08	23	?	5	?		X	X	BOTT		
KUGMALLIT BAY	060	69	37.30	133	46.00	77	08	23	?	0	?		X	X	BOTT		
KUGMALLIT BAY	133	69	32.80	134	06.50	77	08	25	?	2	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 78-0001
YEAR:1978 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF		70	27.60	133	25.10	78	08	09	?	50	63	X		X	HYDR		
TUK. SHELF		70	27.60	133	25.10	78	08	09	?	50	63	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	07	18	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	07	22	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	07	20	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	07	26	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	07	27	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	07	27	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	07	30	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	07	31	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	08	01	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	08	03	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	08	05	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	08	10	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	08	15	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	08	17	?	30	30	X		X	HYDR		
TUK. SHELF	4	70	09.10	132	43.80	78	08	20	?	30	30	X		X	HYDR		

TUK. SHELF	4	70	09.10	132	43.80	78	08	25	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	08	27	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	08	28	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	08	30	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	01	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	03	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	04	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	05	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	08	07	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	09	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	11	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	13	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	15	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	17	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	19	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	23	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	24	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	25	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	26	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	27	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	28	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	29	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	09	30	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	10	01	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	10	04	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	10	05	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	10	07	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	10	08	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	10	09	?	30	30	X	X	HYDR
TUK. SHELF	4	70	09.10	132	43.80	78	10	10	?	30	30	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	07	15	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	07	18	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	07	20	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	07	22	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	07	27	?	40	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	09	07	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	09	09	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	09	12	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	09	16	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	09	19	?	30	?	X	X	HYDR
HERSCHEL IS.	4	69	45.40	139	44.60	78	09	26	?	30	?	X	X	HYDR
TUK. SHELF	10	69	54.20	136	20.30	78	08	20	?	20	23	X	X	HYDR
TUK. SHELF	10	69	54.20	136	20.30	78	09	06	?	?	23	X	X	HYDR
TUK. SHELF	12	70	34.10	130	51.30	78	07	13	?	20	29	X	X	HYDR
TUK. SHELF	12	70	34.10	130	51.30	78	07	15	?	20	29	X	X	HYDR
TUK. SHELF	12	70	34.10	130	51.30	78	07	19	?	20	29	X	X	HYDR
TUK. SHELF	12	70	34.10	130	51.30	78	08	01	?	20	29	X	X	HYDR
TUK. SHELF	12	70	34.10	130	51.30	78	08	03	?	20	29	X	X	HYDR
TUK. SHELF	12	70	34.10	130	51.30	78	08	07	?	?	29	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	07	29	?	40	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	01	?	40	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	03	?	40	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	05	?	40	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	08	?	40	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	15	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	13	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	17	?	30	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	20	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	22	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	24	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	08	30	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	01	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	03	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	07	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	10	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	12	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	14	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	19	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	21	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	23	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	24	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	25	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	26	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	27	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	28	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	29	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	09	30	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	10	01	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	10	02	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	10	03	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	10	04	?	15	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	10	05	?	50	57	X	X	HYDR
TUK. SHELF	2	70	22.90	135	05.60	78	10	06	?	50	57	X	X	HYDR

TUK. SHELF	2	70	22.90	135	05.60	78	10	07	?	50	57	X		X	HYDR		
TUK. SHELF	2	70	22.90	135	05.60	78	10	08	?	50	57	X		X	HYDR		
TUK. SHELF	2	70	22.90	135	05.60	78	10	09	?	30	57	X		X	HYDR		

BOTTLE/CTD DATA SET NUMBER: 78-0002
YEAR: 1978 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
TUK. SHELF	2NE	70	10.60	130	58.90	78	07	15	10	32	33	X		X	CT12		
TUK. SHELF	0	70	10.60	130	58.90	78	07	15	11	29	31	X		X	CT12		
TUK. SHELF	1NE	70	10.60	130	58.90	78	07	15	13	36	34	X		X	CT12		
TUK. SHELF	3NE	70	10.60	130	58.90	78	07	15	22	32	33	X		X	CT12		
TUK. SHELF	4NE	70	10.60	130	58.90	78	07	16	02	29	30	X		X	CT12		
TUK. SHELF	4NW	70	10.60	130	58.90	78	07	16	02	20	30	X		X	CT12		
TUK. SHELF	6SW	70	10.50	130	59.10	78	07	16	07	26	27	X		X	CT12		
TUK. SHELF	5SW	70	10.60	130	59.00	78	07	16	10	26	27	X		X	CT12		
TUK. SHELF	4SW	70	10.60	130	58.90	78	07	16	12	26	27	X		X	CT12		
TUK. SHELF	3SW	70	10.60	130	58.90	78	07	16	15	31	?	X		X	CT12		
TUK. SHELF	5SE	70	10.60	130	58.80	78	07	16	17	26	27	X		X	CT12		
TUK. SHELF	2SW	70	10.60	130	58.90	78	07	16	18	34	34	X		X	CT12		
TUK. SHELF	2SW	70	10.60	130	58.90	78	07	16	18	35	34	X		X	CT12		
TUK. SHELF	5NE	70	10.60	130	58.90	78	07	16	22	26	27	X		X	CT12		
TUK. SHELF	6NE	70	10.70	130	58.70	78	07	17	01	26	28	X		X	CT12		
TUK. SHELF	4SE	70	10.60	130	58.90	78	07	17	07	26	27	X		X	CT12		
TUK. SHELF	3SE	70	10.60	130	58.90	78	07	17	10	31	33	X		X	CT12		
TUK. SHELF	2SE	70	10.60	130	58.90	78	07	17	13	32	31	X		X	CT12		
TUK. SHELF	2NW	70	10.60	130	58.90	78	07	17	15	30	31	X		X	CT12		
TUK. SHELF	2NW	70	10.60	130	58.90	78	07	17	15	31	31	X		X	CT12		
TUK. SHELF	3NW	70	10.60	130	58.90	78	07	17	19	28	30	X		X	CT12		
TUK. SHELF	4NW	70	10.60	130	58.90	78	07	17	21	26	29	X		X	CT12		
TUK. SHELF	5NW	70	10.60	130	59.00	78	07	17	23	26	27	X		X	CT12		
TUK. SHELF	1NW	70	10.60	130	58.90	78	07	18	04	30	34	X		X	CT12		
TUK. SHELF	1NW	70	10.60	130	58.90	78	07	18	04	33	34	X		X	CT12		
TUK. SHELF	8NE	70	12.10	130	54.40	78	07	18	11	29	30	X		X	CT12		
TUK. SHELF	7SE	70	10.20	130	57.80	78	07	18	21	26	27	X		X	CT12		
TUK. SHELF	1	70	23.40	135	49.90	78	07	19	?	52	55	X		X	CT12		
TUK. SHELF	2	70	23.40	135	49.90	78	07	19	?	52	55	X		X	CT12		
TUK. SHELF	3	70	23.40	135	49.90	78	07	19	22	50	55	X		X	CT12		
TUK. SHELF	1	70	10.60	130	58.90	78	09	23	20	32	?	X		X	CT12		
TUK. SHELF	2	70	10.60	130	58.90	78	09	24	00	32	?	X		X	CT12		
TUK. SHELF	1	70	23.40	135	49.90	78	09	24	16	37	?	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 78-0018
YEAR: 1978 VESSEL/AGENCY: SEAKEM

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY	1	69	32.50	136	12.10	78	07	20	?	18	20	X		X	CT12		
MACKENZIE BAY	2	69	32.50	136	12.10	78	07	20	?	18	20	X		X	CT12		
MACKENZIE BAY	3	69	32.50	136	12.10	78	07	20	?	18	20	X		X	CT12		
MACKENZIE BAY	4	69	32.50	136	12.10	78	07	20	?	18	20	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 78-0019
YEAR:1978 VESSEL/AGENCY: SEAKEM

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TUK. SHELF	1	70	20.4	130	30.7	78	07	29	14	31	32	X		X	CT12		
TUK. SHELF	1	70	20.4	130	30.7	78	07	29	21	32	32	X		X	CT12		
TUK. SHELF	1	70	20.4	130	30.7	78	07	30	?	30	31	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 78-0031
YEAR:1978 VESSEL/AGENCY: DFO

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TUK.COASTLINE	1	69	23.	133	23.	78	06	26	?	0	?				CTD		
TUK.COASTLINE	2	69	23.	133	21.	78	06	26	?	0	?				CTD		
TUK.COASTLINE	3	69	23.	133	18.	78	06	26	?	0	?				CTD		
TUK.COASTLINE	4	69	23.	133	13.	78	06	26	?	0	?				CTD		
TUK.COASTLINE	5	69	23.	133	09.	78	06	26	?	0	?				CTD		
TUK.COASTLINE	17	69	41.	132	36.	78	06	28	?	0	?				CTD		
TUK.COASTLINE	20	69	44.	132	27.	78	06	28	?	0	?				CTD		
TUK.COASTLINE	26	69	50.	131	40.	78	06	28	?	0	?				CTD		
TUK.COASTLINE	31	69	53.5	131	12.	78	06	28	?	0	?				CTD		
TUK.COASTLINE	31A	69	53.5	131	07.	78	06	28	?	0	?				CTD		
TUK.COASTLINE	8	69	30.5	132	59.	78	06	29	?	0	2				CTD		
TUK.COASTLINE	10	69	37.	132	57.	78	06	29	?	0	2				CTD		
TUK.COASTLINE	13	69	38.	132	46.	78	06	29	?	0	1				CTD		
TUK.COASTLINE	14	69	37.5	132	43.	78	06	29	?	0	1				CTD		
TUK.COASTLINE	10	69	37.	132	57.	78	09	01	?	0	1				CTD		
TUK.COASTLINE	11	69	39.	132	52.	78	09	01	?	0	3				CTD		
TUK.COASTLINE	12	69	39.	132	50.	78	09	01	?	0	2				CTD		
TUK.COASTLINE	13	69	38.	132	46.	78	09	01	?	0	1				CTD		
TUK.COASTLINE	15	69	39.	132	40.	78	09	01	?	0	1				CTD		
TUK.COASTLINE	16	69	40.	132	38.	78	09	01	?	0	1				CTD		
TUK.COASTLINE	17	69	41.	132	36.	78	09	01	?	0	1				CTD		
TUK.COASTLINE	18	69	43.	132	34.	78	09	01	?	0	4				CTD		
TUK.COASTLINE	20	69	44.	132	27.	78	09	01	?	0	5				CTD		
TUK.COASTLINE	21	69	42.5	132	16.	78	09	02	?	0	1				CTD		
TUK.COASTLINE	22	69	41.5	132	10.	78	09	02	?	0	1				CTD		
TUK.COASTLINE	23	69	43.	132	00.	78	09	02	?	0	1				CTD		
TUK.COASTLINE	24	69	47.	131	53.	78	09	02	?	0	2				CTD		
TUK.COASTLINE	25	69	49.	131	46.	78	09	02	?	0	2				CTD		
TUK.COASTLINE	26	69	50.5	131	40.	78	09	02	?	0	1				CTD		
TUK.COASTLINE	27	69	52.	131	36.	78	09	02	?	0	1				CTD		
TUK.COASTLINE	28	69	53.5	131	27.	78	09	02	?	0	1				CTD		
TUK.COASTLINE	29	69	56.	131	26.	78	09	02	?	0	1				CTD		
TUK.COASTLINE	30	69	57.	131	24.	78	09	02	?	0	3				CTD		
TUK.COASTLINE	31	69	54.	131	12.5	78	09	03	?	0	3				CTD		
TUK.COASTLINE	31A	69	54.	131	07.	78	09	03	?	0	3				CTD		
TUK.COASTLINE	33	70	03.	131	00.	78	09	03	?	0	3				CTD		
TUK.COASTLINE	34	70	05.	130	56.	78	09	03	?	0	1				CTD		
TUK.COASTLINE	35	70	05.	130	48.	78	09	03	?	0	2				CTD		
TUK.COASTLINE	37	70	08.	130	38.	78	09	03	?	0	2				CTD		
TUK.COASTLINE	38	70	08.	130	28.	78	09	03	?	0	2				CTD		
TUK.COASTLINE	41	70	05.	130	12.5	78	09	03	?	0	2				CTD		
TUK.COASTLINE	43	70	05.	130	03.	78	09	03	?	0	2				CTD		
TUK.COASTLINE	45	70	05.	129	55.	78	09	03	?	0	2				CTD		
TUK.COASTLINE	1	69	23.	133	23.	78	09	04	?	0	1				CTD		
TUK.COASTLINE	2	69	23.	133	21.	78	09	04	?	0	1				CTD		
TUK.COASTLINE	3	69	23.	133	18.	78	09	04	?	0	1				CTD		
TUK.COASTLINE	4	69	23.	133	13.	78	09	04	?	0	1				CTD		
TUK.COASTLINE	5	69	23.	133	09.	78	09	04	?	0	1				CTD		
TUK.COASTLINE	7	69	27.5	133	00.	78	09	04	?	0	1				CTD		
TUK.COASTLINE	8	69	30.5	132	59.	78	09	04	?	0	3				CTD		
TUK.COASTLINE	9	69	34.5	133	00.	78	09	04	?	0	2				CTD		

BOTTLE/CTD DATA SET NUMBER: 79-0001
YEAR:1979 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
CANADA BASIN	12	70	25.00	139	00.00	79	11	24	22	405	?	X		X	GLDL		
CANADA BASIN	10	73	01.00	134	52.00	79	11	25	22	408	?	X		X	GLDL		
CANADA BASIN	4	71	50.00	137	15.00	79	11	26	19	408	?	X		X	GLDL		
CANADA BASIN	11	71	00.00	136	30.00	79	11	26	20	407	?	X		X	GLDL		
CANADA BASIN	1	70	50.00	131	00.00	79	11	27	03	47	?	X		X	GLDL		
CANADA BASIN	8	71	25.00	133	30.00	79	11	27	04	412	?	X		X	GLDL		
CANADA BASIN	2	72	54.00	128	53.00	79	11	27	21	411	?	X		X	GLDL		
CANADA BASIN	3	72	10.00	132	30.00	79	11	28	20	407	?	X		X	GLDL		
CANADA BASIN	6	71	07.00	126	41.00	79	11	29	05	288	?	X		X	GLDL		
CANADA BASIN	7	72	00.00	127	20.00	79	11	29	07	372	?	X		X	GLDL		
CANADA BASIN	9	71	37.00	130	22.00	79	11	29	08	408	?	X		X	GLDL		
CANADA BASIN	5	70	08.00	135	38.00	79	11	30	00	44	?	X		X	GLDL		
CANADA BASIN	3	72	14.00	132	45.00	79	11	30	21	414	?	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 79-0003
YEAR:1979 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
HERSCHEL IS.	6	69	45.40	139	44.60	79	08	15	22	30	34	X		X	4021		
HERSCHEL IS.	6	69	45.40	139	44.60	79	08	17	22	30	34	X		X	4021		
HERSCHEL IS.	6	69	45.40	139	44.60	79	08	22	01	15	34	X		X	4021		
HERSCHEL IS.	6	69	45.40	139	44.60	79	08	23	23	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	08	23	23	15	34	X		X	4021		
HERSCHEL IS.	6	69	45.40	139	44.60	79	08	24	01	14	34	X		X	4021		
HERSCHEL IS.	6	69	45.40	139	44.60	79	08	24	01	30	34	X		X	CT12		
HERSCHEL IS.	6	69	45.40	139	44.60	79	08	28	21	6	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	07	01	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	07	01	30	34	X		X	CT12		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	08	16	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	08	16	15	34	X		X	CT12		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	09	16	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	10	16	30	34	X		X	CT12		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	16	16	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	17	22	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	18	21	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	19	19	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	21	18	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	22	16	20	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	25	18	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	09	27	20	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	10	02	20	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	10	06	20	20	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	10	06	23	30	34	X		X	CT12		
HERSCHEL IS.	6	69	45.40	139	44.60	79	10	07	06	30	34	X		X	TC-2		
HERSCHEL IS.	6	69	45.40	139	44.60	79	10	07	22	30	34	X		X	CT12		
TUK. SHELF	10	69	54.20	136	20.30	79	07	14	19	22	34	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	07	14	21	22	34	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	07	17	21	22	34	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	07	19	19	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	07	21	17	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	07	23	19	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	07	26	19	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	07	28	19	20	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	07	30	19	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	08	01	22	20	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	08	02	22	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	08	03	19	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	08	05	19	20	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	08	07	19	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	08	09	19	22	23	X		X	TC-2		
TUK. SHELF	10	69	54.20	136	20.30	79	08	11	19	20	23	X		X	TC-2		

TUK. SHELF	10	69	54.20	136	20.30	79	08	14	20	20	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	17	14	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	17	20	20	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	19	16	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	21	19	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	23	18	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	26	19	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	28	19	20	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	31	01	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	08	31	23	22	23	X	X	CT12
TUK. SHELF	10	69	54.20	136	20.30	79	09	01	00	15	23	X	X	CT12
TUK. SHELF	10	69	54.20	136	20.30	79	09	01	01	21	23	X	X	CT12
TUK. SHELF	10	69	54.20	136	20.30	79	09	03	01	21	23	X	X	CT12
TUK. SHELF	10	69	54.20	136	20.30	79	09	03	01	22	23	X	X	CT12
TUK. SHELF	10	69	54.20	136	20.30	79	09	04	19	20	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	09	04	19	20	23	X	X	CT12
TUK. SHELF	10	69	54.20	136	20.30	79	09	12	19	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	09	13	20	20	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	09	15	20	20	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	09	16	20	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	09	17	20	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	09	18	20	22	23	X	X	TC-2
TUK. SHELF	10	69	54.20	136	20.30	79	09	21	21	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	22	20	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	23	22	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	24	21	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	26	07	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	26	21	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	27	22	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	28	20	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	29	20	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	09	30	20	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	01	22	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	02	22	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	03	22	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	05	22	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	06	22	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	08	02	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	08	21	22	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	09	19	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	09	06	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	10	19	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	11	06	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	12	22	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	13	21	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	14	21	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	15	21	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	16	23	20	23	X	X	4021
TUK. SHELF	10	69	54.20	136	20.30	79	10	17	20	20	23	X	X	4021
TUK. SHELF	4	70	09.10	132	43.80	79	07	12	21	30	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	15	22	30	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	17	15	30	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	18	06	20	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	19	22	30	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	20	20	30	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	21	14	30	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	22	20	28	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	24	22	30	31	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	25	22	30	31	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	26	14	30	31	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	07	29	13	28	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	08	04	02	29	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	08	05	01	29	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	08	06	02	29	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	08	07	01	29	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	08	08	02	29	29	X	X	TC-2
TUK. SHELF	4	70	09.10	132	43.80	79	08	08	21	29	29	X	X	TC-2
TUK. SHELF	9	70	23.70	135	17.00	79	10	12	06	50	55	X	X	TC-2
TUK. SHELF	9	70	23.70	135	17.00	79	10	13	18	40	55	X	X	CT12
TUK. SHELF	9	70	23.70	135	17.00	79	10	14	18	15	55	X	X	CT12
TUK. SHELF	9	70	23.70	135	17.00	79	10	15	18	50	55	X	X	TC-2
TUK. SHELF	9	70	23.70	135	17.00	79	10	17	18	50	55	X	X	TC-2
TUK. SHELF	9	70	23.70	135	17.00	79	10	20	00	50	55	X	X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	14	20	30	55	X	X	4021
TUK. SHELF	9	70	43.61	133	58.12	79	09	15	21	40	55	X	X	CT12
TUK. SHELF	9	70	43.61	133	58.12	79	09	16	21	40	55	X	X	CT12
TUK. SHELF	9	70	43.61	133	58.12	79	09	17	21	40	55	X	X	4021
TUK. SHELF	9	70	43.61	133	58.12	79	09	17	21	40	55	X	X	CT12
TUK. SHELF	9	70	43.61	133	58.12	79	09	21	20	50	55	X	X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	22	20	50	55	X	X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	23	21	30	55	X	X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	24	20	50	55	X	X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	25	20	50	55	X	X	TC-2

TUK. SHELF	9	70	43.61	133	58.12	79	09	26	21	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	27	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	28	19	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	29	19	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	09	30	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	01	20	30	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	02	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	03	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	04	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	05	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	06	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	07	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	08	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	10	21	20	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	11	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	12	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	13	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	14	21	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	15	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	16	20	50	55	X		X	TC-2
TUK. SHELF	9	70	43.61	133	58.12	79	10	20	20	50	55	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	07	17	03	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	07	18	14	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	07	20	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	07	25	21	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	07	28	21	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	02	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	04	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	05	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	08	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	12	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	15	22	30	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	18	18	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	20	21	20	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	21	20	30	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	22	21	0	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	24	22	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	25	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	27	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	08	29	13	48	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	08	29	14	50	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	08	29	14	13	52	X		X	4021
TUK. SHELF	13	70	27.60	133	25.10	79	09	01	01	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	01	23	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	02	20	40	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	07	02	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	09	02	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	09	23	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	11	02	40	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	11	01	50	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	09	11	22	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	11	21	40	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	09	12	22	40	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	13	21	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	14	23	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	15	22	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	16	22	40	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	17	22	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	20	01	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	20	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	21	20	40	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	23	23	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	27	18	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	29	17	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	09	30	23	40	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	03	17	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	04	20	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	05	06	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	06	14	2	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	08	01	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	08	21	50	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	10	10	20	0	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	11	21	40	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	12	21	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	13	21	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	15	00	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	17	01	50	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	10	17	21	50	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	10	18	17	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	18	16	50	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	10	19	21	30	52	X		X	CT12
TUK. SHELF	13	70	27.60	133	25.10	79	10	20	21	50	52	X		X	TC-2
TUK. SHELF	13	70	27.60	133	25.10	79	10	21	21	50	52	X		X	TC-2

BOTTLE/CTD DATA SET NUMBER: 79-0005
YEAR:1979 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
AMUNDSEN GULF	1	70	06.50	125	02.00	79	05	21	?	14	?	X		X	CT12		
AMUNDSEN GULF	2	70	06.30	125	02.50	79	05	22	?	14	?	X		X	CT12		
AMUNDSEN GULF	3	70	06.70	125	04.10	79	05	23	?	14	?	X		X	CT12		
AMUNDSEN GULF	4	70	07.10	125	04.20	79	05	24	?	15	?	X		X	CT12		
AMUNDSEN GULF	5	70	04.50	125	00.00	79	05	24	?	14	?	X		X	CT12		
AMUNDSEN GULF	6	70	06.00	124	59.00	79	05	24	?	25	?	X		X	CT12		
AMUNDSEN GULF	1	70	05.20	125	01.20	79	06	18	?	41	?	X		X	CT12		
AMUNDSEN GULF	2	70	06.60	125	02.50	79	06	18	?	15	?	X		X	CT12		
AMUNDSEN GULF	3	70	07.00	125	03.00	79	06	18	?	14	?	X		X	CT12		
AMUNDSEN GULF	4	70	05.90	125	01.50	79	06	19	?	29	?	X		X	CT12		
AMUNDSEN GULF	5	70	06.40	124	58.40	79	06	19	?	37	?	X		X	CT12		
AMUNDSEN GULF	6	70	09.10	124	53.20	79	06	19	?	18	?	X		X	CT12		
AMUNDSEN GULF	1	70	06.70	125	03.50	79	09	19	?	13	?	X		X	CT12		
AMUNDSEN GULF	2	70	06.60	125	02.20	79	09	19	?	11	?	X		X	CT12		
AMUNDSEN GULF	3	70	06.00	125	00.50	79	09	19	?	25	?	X		X	CT12		
AMUNDSEN GULF	4	70	05.40	125	00.70	79	09	19	?	22	?	X		X	CT12		
AMUNDSEN GULF	5	70	06.40	124	57.60	79	09	19	?	23	?	X		X	CT12		
AMUNDSEN GULF	6	70	07.30	124	55.70	79	09	19	?	22	?	X		X	CT12		
AMUNDSEN GULF	7	70	08.60	124	54.00	79	09	19	?	22	?	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 79-0007
YEAR:1979 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
TUK. SHELF	1	70	46.20	129	21.40	79	07	22	08	25	25	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 79-0009
YEAR:1979 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
TUK. SHELF		70	30.0	133	30.0	79	09	09	04	50	?				CT12		
TUK. SHELF		70	30.0	133	30.0	79	09	09	21	48	?				CT12		

BOTTLE/CTD DATA SET NUMBER: 79-0010
YEAR:1979 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MCKINLEY BAY	1	69	58.60	131	07.50	79	09	25	?	4	?	X		X	CT12		
MCKINLEY BAY	2	69	58.60	131	07.50	79	09	25	?	6	?	X		X	CT12		
MCKINLEY BAY	3	69	58.60	131	07.50	79	09	25	?	6	?	X		X	CT12		
MCKINLEY BAY	4	69	58.60	131	07.50	79	09	25	?	6	?	X		X	CT12		

MCKINLEY BAY	5	69 58.60	131 07.50	79	09	25	?	6	?	X		X	CT12	
MCKINLEY BAY	6	69 58.60	131 07.50	79	09	25	?	6	?	X		X	CT12	
MCKINLEY BAY	7	69 58.60	131 07.50	79	09	25	?	8	?	X		X	CT12	
MCKINLEY BAY	8	69 58.60	131 07.50	79	09	25	?	11	?	X		X	CT12	
MCKINLEY BAY	9	69 58.60	131 07.50	79	09	25	?	6	?	X		X	CT12	
MCKINLEY BAY	10	69 58.60	131 07.50	79	09	25	?	7	?	X		X	CT12	
MCKINLEY BAY	11	69 58.60	131 07.50	79	09	25	?	6	?	X		X	CT12	
MCKINLEY BAY	12	69 58.60	131 07.50	79	09	25	?	7	?	X		X	CT12	
MCKINLEY BAY	13	69 58.60	131 07.50	79	09	25	?	8	?	X		X	CT12	
MCKINLEY BAY	14	69 58.60	131 07.50	79	09	25	?	8	?	X		X	CT12	
MCKINLEY BAY	15	69 58.60	131 07.50	79	09	25	?	7	?	X		X	CT12	
MCKINLEY BAY	16	69 56.80	131 07.50	79	09	25	?	7	?	X		X	CT12	
MCKINLEY BAY	17	69 56.80	131 07.50	79	09	25	?	8	?	X		X	CT12	
MCKINLEY BAY	18	69 56.80	131 07.50	79	09	25	?	8	?	X		X	CT12	
MCKINLEY BAY	19	69 56.80	131 07.50	79	09	25	?	8	?	X		X	CT12	
MCKINLEY BAY	20	69 56.80	131 07.50	79	09	25	?	6	?	X		X	CT12	
MCKINLEY BAY	21	69 56.80	131 07.50	79	09	25	?	2	?	X		X	CT12	
MCKINLEY BAY	22	69 56.80	131 07.50	79	09	25	?	7	?	X		X	CT12	
MCKINLEY BAY	23	69 56.80	131 07.50	79	09	25	?	7	?	X		X	CT12	
MCKINLEY BAY	24	69 56.80	131 07.50	79	09	25	?	6	?	X		X	CT12	
MCKINLEY BAY	25	69 56.80	131 07.50	79	09	25	?	4	?	X		X	CT12	
MCKINLEY BAY	26	69 56.80	131 07.50	79	09	25	?	3	?	X		X	CT12	
MCKINLEY BAY	27	69 56.80	131 07.50	79	09	25	?	5	?	X		X	CT12	
MCKINLEY BAY	28	69 56.80	131 07.50	79	09	25	?	7	?	X		X	CT12	
MCKINLEY BAY	29	69 56.80	131 07.50	79	09	25	?	7	?	X		X	CT12	
MCKINLEY BAY	30	69 56.80	131 07.50	79	09	25	?	6	?	X		X	CT12	
MCKINLEY BAY	EP	69 56.80	131 07.50	79	09	25	10	4	?	X		X	CT12	
MCKINLEY BAY	31	69 56.80	131 07.50	79	09	26	?	5	?	X		X	CT12	
MCKINLEY BAY	32	69 56.80	131 07.50	79	09	26	?	7	?	X		X	CT12	
MCKINLEY BAY	33	69 56.80	131 07.50	79	09	26	?	8	?	X		X	CT12	
MCKINLEY BAY	34	69 56.80	131 07.50	79	09	26	?	11	?	X		X	CT12	
MCKINLEY BAY	35	69 56.80	131 07.50	79	09	26	?	7	?	X		X	CT12	
MCKINLEY BAY	EP	69 56.80	131 07.50	79	09	26	16	2	?	X		X	CT12	
MCKINLEY BAY	EP	69 56.80	131 07.50	79	09	26	16	3	?	X		X	CT12	
MCKINLEY BAY	A	70 02.30	131 05.10	79	09	27	?	10	?	X		X	CT12	
MCKINLEY BAY	B	70 00.50	131 06.50	79	09	27	?	9	?	X		X	CT12	
MCKINLEY BAY	C	69 57.80	131 08.00	79	09	27	?	7	?	X		X	CT12	
MCKINLEY BAY	D	69 56.00	131 07.30	79	09	27	?	5	?	X		X	CT12	

BOTTLE/CTD DATA SET NUMBER: 79-0026
YEAR:1979 VESSEL/AGENCY: DOME

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
				YR	MO	DY	HR			C	S	T		
MCKINLEY BAY		70 02.5	131 13.4	79	12	13	?	?	?	X		X	YSI	

BOTTLE/CTD DATA SET NUMBER: 79-0037
YEAR:1979 VESSEL/AGENCY: DFO

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
				YR	MO	DY	HR			C	S	T		
TUK. COASTLINE	2	.	.	79	06	28	?	?	?				RS53	
TUK. COASTLINE	4	.	.	79	06	28	?	?	?				RS53	
TUK. COASTLINE	22A	.	.	79	07	18	?	?	?				RS53	
TUK. COASTLINE	23	.	.	79	07	18	?	?	?				RS53	
TUK. COASTLINE	30	.	.	79	07	19	?	?	?				RS53	
TUK. COASTLINE	31	.	.	79	07	19	?	?	?				RS53	
TUK. COASTLINE	31A	.	.	79	07	19	?	?	?				RS53	
TUK. COASTLINE	32	.	.	79	07	19	?	?	?				RS53	
TUK. COASTLINE	1	.	.	79	08	01	?	?	?				RS53	
TUK. COASTLINE	4	.	.	79	08	01	?	?	?				RS53	
TUK. COASTLINE	22A	.	.	79	08	04	?	?	?				RS53	
TUK. COASTLINE	23	.	.	79	08	04	?	?	?				RS53	
TUK. COASTLINE	31	.	.	79	08	07	?	?	?				RS53	
TUK. COASTLINE	31A	.	.	79	08	07	?	?	?				RS53	

```
TUK. COASTLINE     1       .        .   79 09 16  ?     ?    ?          RS53
TUK. COASTLINE     4       .        .   79 09 16  ?     ?    ?          RS53
```

BOTTLE/CTD DATA SET NUMBER: 80-0002
YEAR:1980 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
TUK. SHELF	12	70	43.60	133	58.10	80	08	01	23	20	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	02	14	48	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	02	15	48	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	05	16	50	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	07	23	50	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	10	09	50	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	12	13	43	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	12	14	50	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	15	14	20	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	20	13	40	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	23	11	40	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	23	14	40	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	25	19	30	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	27	19	40	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	29	17	30	?	X		X	HYDR		
TUK. SHELF	12	70	43.60	133	58.10	80	08	31	15	30	?	X		X	HYDR		
TUK. SHELF	14	70	51.60	129	16.80	80	09	19	17	20	?	X		X	HYDR		
TUK. SHELF	14	70	51.60	129	16.80	80	09	17	14	30	?	X		X	HYDR		
TUK. SHELF	14	70	51.60	129	16.80	80	09	15	09	30	?	X		X	HYDR		
TUK. SHELF	14	70	51.60	129	16.80	80	07	02	14	17	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	14	14	48	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	14	15	45	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	15	17	48	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	16	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	19	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	20	19	48	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	22	19	48	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	24	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	24	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	25	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	27	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	29	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	07	30	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	01	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	02	19	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	03	22	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	06	13	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	09	12	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	09	16	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	09	16	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	13	15	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	15	14	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	17	14	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	19	15	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	21	15	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	22	13	40	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	22	12	50	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	27	20	49	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	08	28	17	48	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	09	03	21	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	09	11	16	50	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	09	14	11	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	09	14	11	47	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	09	20	11	30	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	09	22	16	30	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	09	22	15	45	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	09	30	20	30	?	X		X	HYDR		
TUK. SHELF	15	70	20.40	134	10.80	80	10	03	15	15	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	14	17	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	15	13	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	15	14	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	17	14	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	18	03	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	19	13	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	20	04	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	23	18	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	25	17	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	07	28	15	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	08	01	16	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	08	02	17	50	?	X		X	HYDR		
TUK. SHELF	10	70	22.90	135	05.60	80	08	03	12	50	?	X		X	HYDR		

TUK. SHELF	10	70 22.90	135 05.60	80 08 03 12	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 05 15	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 07 15	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 09 12	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 12 13	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 14 11	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 19 12	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 21 12	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 23 14	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 25 13	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 27 15	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 27 14	49	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 29 09	49	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 08 31 12	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 03 14	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 04 20	75	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 04 20	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 05 13	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 14 10	33	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 15 11	48	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 15 19	49	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 16 18	46	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 18 10	50	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 21 17	44	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 24 18	40	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 27 19	40	?	X		X	HYDR		
TUK. SHELF	10	70 22.90	135 05.60	80 09 28 20	20	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 07 17 14	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 07 18 10	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 07 21 18	60	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 07 23 14	60	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 07 28 21	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 07 31 20	56	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 02 13	55	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 03 15	55	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 05 13	55	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 07 23	40	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 07 23	53	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 09 11	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 09 10	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 14 15	20	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 17 17	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 19 16	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 21 17	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 23 18	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 26 23	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 29 14	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 08 31 08	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 09 01 23	29	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 09 04 14	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 09 04 13	50	?	X		X	HYDR		
TUK. SHELF	16	70 20.40	136 39.00	80 09 07 19	50	?	X		X	HYDR		
TUK. SHELF	11	69 54.10	136 20.30	80 07 23 21	20	?	X		X	HYDR		
TUK. SHELF	11	69 54.10	136 20.30	80 07 25 14	20	?	X		X	HYDR		
TUK. SHELF	11	69 54.10	136 20.30	80 07 28 03	20	?	X		X	HYDR		
TUK. SHELF	11	69 54.10	136 20.30	80 07 29 07	20	?	X		X	HYDR		
TUK. SHELF	11	69 54.10	136 20.30	80 07 11 16	15	?	X		X	HYDR		
TUK. SHELF	11	69 54.10	136 20.30	80 07 15 14	20	?	X		X	HYDR		
TUK. SHELF	11	69 54.10	136 20.30	80 07 18 04	20	?	X		X	HYDR		
TUK. SHELF	11	69 54.10	136 20.30	80 07 21 08	20	?	X		X	HYDR		

BOTTLE/CTD DATA SET NUMBER: 80-0003
YEAR:1980 VESSEL/AGENCY: ARCTIC LAB

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MCKINLEY BAY	C	69 58.	131 10.	80 07 04 00	11	11	X		X	CT12		
MCKINLEY BAY	E	69 57.	131 14.	80 07 04 02	3	4	X		X	CT12		
MCKINLEY BAY	B	70 00.	131 06.	80 07 05 00	8	10	X		X	CT12		
MCKINLEY BAY	A	70 03.	131 05.	80 07 05 02	9	10	X		X	CT12		
MCKINLEY BAY	D	69 56.	131 11.	80 07 05 04	5	5	X		X	CT12		
MCKINLEY BAY	E	69 57.	131 14.	80 08 10 21	9	10	X		X	CT12		
MCKINLEY BAY	D	69 56.	131 11.	80 08 10 22	4	4	X		X	CT12		
MCKINLEY BAY	C	69 58.	131 10.	80 08 10 23	10	10	X		X	CT12		

MCKINLEY BAY	B	70	00.	131	06.	80	08	11	00	8	11	X		X	CT12
MCKINLEY BAY	A	70	03.	131	05.	80	08	11	01	9	10	X		X	CT12
MCKINLEY BAY	B	70	00.	131	06.	80	09	09	21	8	10	X		X	CT12
MCKINLEY BAY	A	70	03.	131	05.	80	09	09	23	8	10	X		X	CT12
MCKINLEY BAY	C	69	58.	131	10.	80	09	10	01	10	10	X		X	CT12
MCKINLEY BAY	D	69	56.	131	11.	80	09	10	02	4	4	X		X	CT12
MCKINLEY BAY	E	69	57.	131	14.	80	09	10	03	11	17	X		X	CT12
MCKINLEY BAY	B	70	00.	131	06.	80	09	26	10	9	10	X		X	CT12
MCKINLEY BAY	D	69	56.	131	11.	80	09	26	16	5	5	X		X	CT12
MCKINLEY BAY	E	69	57.	131	14.	80	09	26	17	20	20	X		X	CT12
MCKINLEY BAY	C	69	58.	131	10.	80	09	26	18	9	10	X		X	CT12
MCKINLEY BAY	A	70	03.	131	05.	80	09	26	21	8	10	X		X	CT12

BOTTLE/CTD DATA SET NUMBER: 80-0004
YEAR:1980 VESSEL/AGENCY: ARCTIC LAB

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TUK. HARBOUR	7	69	24.40	132	59.10	80	07	10	10	10	10	X		X	CT12		
TUK. HARBOUR	5	69	26.20	132	58.29	80	07	10	11	20	21	X		X	CT12		
TUK. HARBOUR	6	69	25.30	132	58.10	80	07	10	11	18	25	X		X	CT12		
TUK. HARBOUR	1	69	31.39	133	08.09	80	07	10	12	4	5	X		X	CT12		
TUK. HARBOUR	5	69	26.20	132	58.29	80	07	10	14	20	21	X		X	CT12		
TUK. HARBOUR	4	69	26.79	132	58.69	80	07	10	15	10	12	X		X	CT12		
TUK. HARBOUR	4.5	69	26.79	132	57.89	80	07	10	15	8	7	X		X	CT12		
TUK. HARBOUR	3.5	69	26.79	132	59.69	80	07	10	15	7	11	X		X	CT12		
TUK. HARBOUR	3	69	26.79	133	01.09	80	07	10	16	11	10	X		X	CT12		
TUK. HARBOUR	2	69	27.69	132	59.59	80	07	10	20	6	9	X		X	CT12		
TUK. HARBOUR	7	69	24.40	132	59.10	80	08	12	16	10	10	X		X	CT12		
TUK. HARBOUR	6.5	69	24.90	132	58.49	80	08	12	20	10	15	X		X	CT12		
TUK. HARBOUR	6.5	69	24.90	132	58.49	80	08	13	16	13	15	X		X	CT12		
TUK. HARBOUR	5	69	26.20	132	58.29	80	08	13	18	22	21	X		X	CT12		
TUK. HARBOUR	5.5	69	25.69	132	58.39	80	08	13	19	20	22	X		X	CT12		
TUK. HARBOUR	6	69	25.30	132	58.10	80	08	13	20	25	25	X		X	CT12		
TUK. HARBOUR	6.5	69	24.90	132	58.49	80	08	13	21	15	15	X		X	CT12		
TUK. HARBOUR	2.5	69	27.30	132	58.69	80	08	13	22	7	7	X		X	CT12		
TUK. HARBOUR	4	69	26.79	132	58.69	80	08	14	16	12	12	X		X	CT12		
TUK. HARBOUR	3.5	69	26.79	132	59.69	80	08	14	19	7	11	X		X	CT12		
TUK. HARBOUR	3	69	26.79	133	01.09	80	08	14	20	10	10	X		X	CT12		
TUK. HARBOUR	2.75	69	27.10	132	58.69	80	08	14	20	10	12	X		X	CT12		
TUK. HARBOUR	2	69	27.69	132	59.59	80	08	14	21	7	9	X		X	CT12		
TUK. HARBOUR	1	69	31.39	133	08.09	80	08	15	09	4	5	X		X	CT12		
TUK. HARBOUR	1	69	31.39	133	08.09	80	08	15	20	5	5	X		X	CT12		
TUK. HARBOUR	5	69	26.20	132	58.29	80	09	05	11	18	21	X		X	CT12		
TUK. HARBOUR	7	69	24.40	132	59.10	80	09	05	14	10	10	X		X	CT12		
TUK. HARBOUR	6.5	69	24.90	132	58.49	80	09	05	15	16	15	X		X	CT12		
TUK. HARBOUR	6	69	25.30	132	58.10	80	09	05	17	22	25	X		X	CT12		
TUK. HARBOUR	5.5	69	25.69	132	58.39	80	09	05	20	29	22	X		X	CT12		
TUK. HARBOUR	2.75	69	27.10	132	58.69	80	09	05	22	10	12	X		X	CT12		
TUK. HARBOUR	1	69	31.39	133	08.09	80	09	06	07	5	5	X		X	CT12		
TUK. HARBOUR	2	69	27.69	132	59.59	80	09	06	09	7	9	X		X	CT12		
TUK. HARBOUR	3	69	26.79	133	01.09	80	09	06	09	9	10	X		X	CT12		
TUK. HARBOUR	3.5	69	26.79	132	59.69	80	09	06	10	12	11	X		X	CT12		
TUK. HARBOUR	4.5	69	26.79	132	57.89	80	09	06	11	8	7	X		X	CT12		
TUK. HARBOUR	4	69	26.79	132	58.69	80	09	06	11	11	12	X		X	CT12		
TUK. HARBOUR	7	69	24.40	132	59.10	80	09	24	16	9	10	X		X	CT12		
TUK. HARBOUR	6.5	69	24.90	132	58.49	80	09	24	17	15	15	X		X	CT12		
TUK. HARBOUR	6	69	25.30	132	58.10	80	09	24	20	24	25	X		X	CT12		
TUK. HARBOUR	5.5	69	25.69	132	58.39	80	09	24	20	21	22	X		X	CT12		
TUK. HARBOUR	5	69	26.20	132	58.29	80	09	24	21	20	21	X		X	CT12		
TUK. HARBOUR	1	69	31.39	133	08.09	80	09	25	14	5	5	X		X	CT12		
TUK. HARBOUR	2	69	27.69	132	59.59	80	09	25	16	7	9	X		X	CT12		
TUK. HARBOUR	2.75	69	27.10	132	58.69	80	09	25	17	13	12	X		X	CT12		
TUK. HARBOUR	3	69	26.79	133	01.09	80	09	25	17	10	10	X		X	CT12		
TUK. HARBOUR	3.5	69	26.79	132	59.69	80	09	25	19	11	11	X		X	CT12		
TUK. HARBOUR	4	69	26.79	132	58.69	80	09	25	20	11	12	X		X	CT12		
TUK. HARBOUR	4.5	69	26.79	132	57.89	80	09	25	21	6	7	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 80-0016
YEAR: 1980 VESSEL/AGENCY: DOME

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 03 11	12	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 04 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 05 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 06 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 06 22	13	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 07 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 07 00	10	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 07 21	14	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 08 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 09 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 10 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 11 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 12 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 13 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 26 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 29 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 29 00	13	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 04 30 18	13	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 05 02 00	?	?	X		X	YSI		
MCKINLEY BAY	SC	70 02.00	131 10.50	80 05 03 00	?	?	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 80-0025
YEAR: 1980 VESSEL/AGENCY: LGL

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	1	69 56.	134 23.	80 08 14 13	?	12	X		X	HYDR		
TUK. SHELF	2	70 00.	134 16.	80 08 14 14	?	17	X		X	HYDR		
TUK. SHELF	3	70 01.	134 04.	80 08 14 15	?	20	X		X	HYDR		
YUKON COAST	9	69 07.	138 00.	80 08 20 18	?	6	X		X	HYDR		
YUKON COAST	10	69 09.	138 00.	80 08 20 20	?	20	X		X	HYDR		
YUKON COAST	9	69 07.	138 00.	80 08 21 19	?	7	X		X	HYDR		
YUKON COAST	10	69 09.	138 00.	80 08 21 21	?	17	X		X	HYDR		
TUK. SHELF	4	69 56.	134 55.	80 08 24 17	?	17	X		X	HYDR		
TUK. SHELF	5	70 04.	134 19.	80 08 26 17	?	26	X		X	HYDR		
TUK. SHELF	6	69 59.	133 56.	80 08 27 03	?	19	X		X	HYDR		
TUK. SHELF	7	69 59.	134 18.	80 08 27 04	?	14	X		X	HYDR		
TUK. SHELF	8	69 56.	134 18.	80 08 27 05	?	10	X		X	HYDR		
YUKON COAST	9	69 07.	138 00.	80 09 06 20	?	8	X		X	HYDR		
YUKON COAST	10	69 09.	138 00.	80 09 06 22	?	16	X		X	HYDR		

BOTTLE/CTD DATA SET NUMBER: 80-0028
YEAR: 1980 VESSEL/AGENCY: DOME

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MCKINLEY BAY		70 02.5	131 13.4	80 06 19 ?	?	15	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 80-0041
YEAR: 1980 VESSEL/AGENCY: SEATECH

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	NT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
KUGMALLIT BAY	0	69	27.*	133	05.*	80	09	20	20	5.5	?	X		X	YSI	
KUGMALLIT BAY	1	69	27.	133	05.	80	09	20	20	4.0	?	X		X	YSI	
KUGMALLIT BAY	2	69	27.	133	05.	80	09	20	20	4.0	?	X		X	YSI	
KUGMALLIT BAY	3	69	27.	133	05.	80	09	20	21	3.2	?	X		X	YSI	
KUGMALLIT BAY	4	69	27.	133	05.	80	09	20	21	3.2	?	X		X	YSI	
KUGMALLIT BAY	5	69	27.	133	05.	80	09	20	21	2.7	?	X		X	YSI	
KUGMALLIT BAY	6	69	27.	133	05.	80	09	20	21	3.2	?	X		X	YSI	
KUGMALLIT BAY		69	27.	133	05.	80	09	20	22	6.7	?	X		X	YSI	
KUGMALLIT BAY		69	27.	133	05.	80	09	20	22	6.0	?	X		X	YSI	
KUGMALLIT BAY		69	27.	133	05.	80	09	20	22	8.0	?	X		X	YSI	
KUGMALLIT BAY		69	27.	133	05.	80	09	20	22	12.0	?	X		X	YSI	
KUGMALLIT BAY		69	27.	133	05.	80	09	20	22	12.0	?	X		X	YSI	
KUGMALLIT BAY	0	69	27.	133	05.	80	09	21	17	9.6	?	X		X	YSI	
KUGMALLIT BAY	1	69	27.	133	05.	80	09	21	20	6.2	?	X		X	YSI	
KUGMALLIT BAY	2	69	27.	133	05.	80	09	21	21	4.6	?	X		X	YSI	
KUGMALLIT BAY	3	69	27.	133	05.	80	09	21	22	5.0	?	X		X	YSI	
KUGMALLIT BAY	4	69	27.	133	05.	80	09	21	23	4.0	?	X		X	YSI	
KUGMALLIT BAY	5	69	27.	133	05.	80	09	21	23	4.0	?	X		X	YSI	
KUGMALLIT BAY	6	69	27.	133	05.	80	09	22	00	4.0	?	X		X	YSI	
KUGMALLIT BAY	0	69	27.	133	05.	80	09	23	19	10.0	?	X		X	YSI	
KUGMALLIT BAY	1	69	27.	133	05.	80	09	23	19	4.3	?	X		X	YSI	
KUGMALLIT BAY	2	69	27.	133	05.	80	09	23	20	4.0	?	X		X	YSI	
KUGMALLIT BAY	3	69	27.	133	05.	80	09	23	20	4.0	?	X		X	YSI	
KUGMALLIT BAY	4	69	27.	133	05.	80	09	23	20	4.0	?	X		X	YSI	
KUGMALLIT BAY	5	69	27.	133	05.	80	09	23	20	4.0	?	X		X	YSI	
KUGMALLIT BAY	6	69	27.	133	05.	80	09	23	21	4.0	?	X		X	YSI	
KUGMALLIT BAY	0	69	27.	133	05.	80	09	24	16	8.0	?	X		X	YSI	
KUGMALLIT BAY	1	69	27.	133	05.	80	09	24	20	6.0	?	X		X	YSI	
KUGMALLIT BAY	2	69	27.	133	05.	80	09	24	20	5.0	?	X		X	YSI	
KUGMALLIT BAY		69	27.	133	05.	80	09	24	20	6.0	?	X		X	YSI	

*NOMINAL LOCATION

BOTTLE/CTD DATA SET NUMBER: 81-0001
YEAR: 1981 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
BEAUFORT SEA	22	71	42.39	136	02.79	81	03	18	19	1030	1960	X		X	GLDL	
BEAUFORT SEA	21	72	24.79	137	29.19	81	03	18	21	1020	2465	X		X	GLDL	
BEAUFORT SEA	31	73	01.19	134	50.20	81	03	20	19	1040	2623	X		X	GLDL	
BEAUFORT SEA	32	72	25.89	133	11.30	81	03	20	21	1030	1943	X		X	GLDL	
BEAUFORT SEA	33	71	44.00	131	29.90	81	03	21	18	980	980	X		X	GLDL	
BEAUFORT SEA	34	71	34.89	131	05.49	81	03	21	19	585	585	X		X	GLDL	
BEAUFORT SEA	35	71	23.89	130	42.49	81	03	21	21	187	187	X		X	GLDL	
BEAUFORT SEA	36	71	14.00	130	20.00	81	03	21	22	55	57	X		X	GLDL	
BEAUFORT SEA	51	71	25.80	129	48.40	81	03	21	23	57	57	X		X	GLDL	
BEAUFORT SEA	86	71	03.50	131	04.00	81	03	22	00	55	56	X		X	GLDL	
BEAUFORT SEA	11	71	54.79	140	47.00	81	03	24	19	1040	2718	X		X	GLDL	
BEAUFORT SEA	12	71	06.00	139	46.30	81	03	24	21	1040	2123	X		X	GLDL	
BEAUFORT SEA	13	70	32.89	139	03.80	81	03	24	22	1045	1096	X		X	GLDL	
BEAUFORT SEA	23	71	13.09	135	04.30	81	03	25	00	910	910	X		X	GLDL	
BEAUFORT SEA	26	70	45.00	134	13.20	81	03	25	01	64	64	X		X	GLDL	
BEAUFORT SEA	75	70	22.00	137	06.79	81	03	26	17	330	330	X		X	GLDL	
BEAUFORT SEA	14	70	13.80	138	44.00	81	03	26	18	415	415	X		X	GLDL	
MACKENZIE BAY	18	69	22.20	137	45.00	81	03	26	20	41	42	X		X	GLDL	
BEAUFORT SEA	78	69	53.00	135	54.50	81	03	26	21	18	19	X		X	GLDL	
BEAUFORT SEA	28	69	54.09	133	01.79	81	03	26	22	14	15	X		X	GLDL	
BEAUFORT SEA	24	71	04.49	134	48.00	81	03	27	18	500	500	X		X	GLDL	
BEAUFORT SEA	25	70	54.29	134	31.39	81	03	27	19	85	85	X		X	GLDL	
BEAUFORT SEA	204	71	08.00	133	44.50	81	03	27	20	463	463	X		X	GLDL	
BEAUFORT SEA	205	70	58.20	133	33.80	81	03	27	21	86	86	X		X	GLDL	
BEAUFORT SEA	206	71	04.80	133	15.19	81	03	27	22	63	63	X		X	GLDL	
BEAUFORT SEA	27	70	35.39	133	59.50	81	03	27	22	58	58	X		X	GLDL	

BEAUFORT SEA	67	71	05.29	129	04.20	81	03	29	18	43	45	X		X	GLDL		
BEAUFORT SEA	66	71	18.30	128	48.50	81	03	29	19	54	56	X		X	GLDL		
BEAUFORT SEA	65	71	32.49	128	20.00	81	03	29	20	219	220	X		X	GLDL		
BEAUFORT SEA	64	71	44.30	127	48.90	81	03	29	21	390	390	X		X	GLDL		
BANKS IS.	98	72	16.70	126	04.80	81	03	29	22	21	22	X		X	GLDL		
BEAUFORT SEA	42	73	06.80	130	32.69	81	03	30	18	1045	2200	X		X	GLDL		
BEAUFORT SEA	41	73	30.89	132	29.00	81	03	30	20	1045	2500	X		X	GLDL		
BEAUFORT SEA	43	73	01.10	129	59.69	81	03	30	21	1045	1457	X		X	GLDL		
BANKS IS.	48	72	39.40	125	32.10	81	03	30	23	17	17	X		X	GLDL		
BEAUFORT SEA	54	71	45.49	130	10.00	81	03	31	19	307	307	X		X	GLDL		
BEAUFORT SEA	56	71	25.69	129	51.90	81	03	31	19	77	77	X		X	GLDL		
BEAUFORT SEA	55	71	36.19	130	00.49	81	03	31	19	225	225	X		X	GLDL		
BEAUFORT SEA	37	71	02.20	129	55.69	81	03	31	21	41	41	X		X	GLDL		
BEAUFORT SEA	38	70	30.29	129	32.69	81	03	31	22	17	18	X		X	GLDL		
BEAUFORT SEA	305	71	24.60	130	20.29	81	04	01	18	80	81	X		X	GLDL		
BEAUFORT SEA	34	71	35.19	131	05.49	81	04	01	19	626	629	X		X	GLDL		
BEAUFORT SEA	103	71	31.70	132	30.80	81	04	01	20	945	945	X		X	GLDL		
BEAUFORT SEA	104	71	22.50	132	17.00	81	04	01	21	470	470	X		X	GLDL		
BEAUFORT SEA	105	71	12.10	132	06.40	81	04	01	22	100	101	X		X	GLDL		
BEAUFORT SEA	106	71	00.00	131	53.89	81	04	01	23	60	61	X		X	GLDL		
BEAUFORT SEA	32	72	26.69	133	09.10	81	04	17	19	1040	1963	X		X	GLDL		
BEAUFORT SEA	101	72	03.79	132	47.29	81	04	17	21	1035	1615	X		X	GLDL		
BEAUFORT SEA	103	71	32.00	132	32.50	81	04	17	23	935	935	X		X	GLDL		
BEAUFORT SEA	105	71	11.00	132	06.79	81	04	18	00	90	90	X		X	GLDL		
BEAUFORT SEA	204	71	06.30	133	46.49	81	04	18	01	315	315	X		X	GLDL		
BEAUFORT SEA	205	70	57.79	133	32.50	81	04	18	02	77	79	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0002C
YEAR:1981 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BEAUFORT SEA	KOPAN	70	23.72	135	12.20	81	07	25	?	?	?	X		X	CTD		
BEAUFORT SEA	KOAKO	70	21.88	134	06.82	81	07	26	?	?	?	X		X	CTD		
BEAUFORT SEA	ISSUN	70	05.53	134	26.75	81	07	27	?	?	?	X		X	CTD		
BEAUFORT SEA	KENAL	70	43.73	133	58.47	81	09	23	?	?	?	X		X	CTD		
BEAUFORT SEA	KENAL	70	43.73	133	58.47	81	09	25	?	?	?	X		X	CTD		
BEAUFORT SEA	IRKAL	70	34.13	134	10.58	81	10	03	?	?	?	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 81-0003
YEAR:1981 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF		70	01.*	134	19.*	81	03	08	?	?	?	X		X	BOTT		
TUK. SHELF		70	01.	134	19.	81	05	16	?	?	?	X		X	CT12		
TUK. SHELF		70	01.	134	19.	81	07	25	?	?	?	X		X	CT12		
TUK. SHELF		70	01.	134	19.	81	09	25	?	?	?	X		X	CT12		
TUK. SHELF		70	01.	134	19.	81	10	10	?	?	?	X		X	CT12		
TUK. SHELF		70	01.	134	19.	82	02	21	?	?	?	X		X	CT12		
TUK. SHELF		70	01.	134	19.	82	04	16	?	?	?	X		X	CT12		

INAL LOCATION

BOTTLE/CTD DATA SET NUMBER: 81-0013
YEAR:1981 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
TUK. HARBOUR	1	69	27.10	132	59.50	81	06	21	21	10	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	06	21	23	10	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	06	22	02	10	?	X		X	CT12		
TUK. HARBOUR	2	69	27.50	132	59.69	81	06	22	04	10	?	X		X	CT12		
TUK. HARBOUR	5	69	27.59	133	01.70	81	06	22	04	10	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	06	22	05	10	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	06	22	05	11	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	06	22	06	12	?	X		X	CT12		
TUK. HARBOUR	3	69	27.00	133	00.49	81	06	22	06	8	?	X		X	CT12		
TUK. HARBOUR	6	69	26.79	133	00.49	81	06	22	07	1	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	06	22	08	10	?	X		X	CT12		
TUK. HARBOUR	4	69	27.10	133	01.20	81	07	03	23	11	?	X		X	CT12		
TUK. HARBOUR	3	69	27.00	133	00.49	81	07	04	00	6	?	X		X	CT12		
TUK. HARBOUR	3A	69	27.19	133	00.59	81	07	04	01	10	?	X		X	CT12		
TUK. HARBOUR	6	69	26.79	133	00.49	81	07	04	01	11	?	X		X	CT12		
TUK. HARBOUR	6A	69	27.00	133	00.00	81	07	04	01	10	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	07	04	03	9	?	X		X	CT12		
TUK. HARBOUR	8	69	26.69	132	59.29	81	07	04	03	9	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	07	04	04	11	?	X		X	CT12		
TUK. HARBOUR	2	69	27.50	132	59.69	81	07	04	05	9	?	X		X	CT12		
TUK. HARBOUR	4	69	27.10	133	01.20	81	07	04	06	11	?	X		X	CT12		
TUK. HARBOUR	3	69	27.00	133	00.49	81	07	04	07	6	?	X		X	CT12		
TUK. HARBOUR	6A	69	27.00	133	00.00	81	07	04	09	8	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	07	04	10	9	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	07	04	11	11	?	X		X	CT12		
TUK. HARBOUR	2	69	27.50	132	59.69	81	07	04	12	9	?	X		X	CT12		
TUK. HARBOUR	5	69	27.59	133	01.70	81	07	04	13	10	?	X		X	CT12		
TUK. HARBOUR	5	69	27.59	133	01.70	81	07	07	01	10	?	X		X	CT12		
TUK. HARBOUR	4	69	27.10	133	01.20	81	07	07	02	10	?	X		X	CT12		
TUK. HARBOUR	4B	69	27.30	133	01.89	81	07	07	02	7	?	X		X	CT12		
TUK. HARBOUR	4A	69	27.19	133	01.49	81	07	07	02	13	?	X		X	CT12		
TUK. HARBOUR	6	69	26.79	133	00.49	81	07	07	03	2	?	X		X	CT12		
TUK. HARBOUR	3	69	27.00	133	00.49	81	07	07	03	6	?	X		X	CT12		
TUK. HARBOUR	3A	69	27.19	133	00.59	81	07	07	04	13	?	X		X	CT12		
TUK. HARBOUR	6A	69	27.00	133	00.00	81	07	07	04	6	?	X		X	CT12		
TUK. HARBOUR	6B	69	27.30	132	59.90	81	07	07	05	3	?	X		X	CT12		
TUK. HARBOUR	2	69	27.50	132	59.69	81	07	07	05	10	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	07	07	06	9	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	07	07	06	11	?	X		X	CT12		
TUK. HARBOUR	4	69	27.10	133	01.20	81	07	07	14	11	?	X		X	CT12		
TUK. HARBOUR	3A	69	27.19	133	00.59	81	07	07	15	13	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	07	07	16	10	?	X		X	CT12		
TUK. HARBOUR	4	69	27.10	133	01.20	81	07	07	17	11	?	X		X	CT12		
TUK. HARBOUR	3A	69	27.19	133	00.59	81	07	07	17	12	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	07	07	18	10	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	07	07	18	11	?	X		X	CT12		
TUK. HARBOUR	3A	69	27.19	133	00.59	81	07	07	21	13	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	07	07	22	10	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	07	07	22	12	?	X		X	CT12		
TUK. HARBOUR	3A	69	27.19	133	00.59	81	07	07	23	15	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	07	08	00	11	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	07	08	00	10	?	X		X	CT12		
TUK. HARBOUR	3A	69	27.19	133	00.59	81	07	08	01	14	?	X		X	CT12		
TUK. HARBOUR	1	69	27.10	132	59.50	81	07	08	01	11	?	X		X	CT12		
TUK. HARBOUR	7	69	27.10	132	58.79	81	07	08	02	14	?	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 81-0015
YEAR:1981 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO

TUK. SHELF	1	70 00.9	134 19.3	81	05	16	?	2	18				CT12		
MCKINLEY BAY		70 01.6	131 13.0	81	05	17	?	2	18				CT12		
MCKINLEY BAY		70 01.6	131 13.0	81	05	17	?	15	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	05	29	?	2	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	05	29	?	17	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	06	16	?	2	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	06	16	?	17	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	06	16	06	15	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	06	16	11	15	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	06	16	15	15	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	06	16	20	15	18				CT12		
MCKINLEY BAY		70 01.6	131 13.0	81	06	20	?	18	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	07	25	20	18	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	07	26	02	18	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	07	26	14	18	18				CT12		
TUK. SHELF	1	70 00.9	134 19.3	81	09	26	?	17	18				CT12		

BOTTLE/CTD DATA SET NUMBER: 81-0018
YEAR:1981 VESSEL/AGENCY: SEQUEL

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	TBN-1	69 46.30	135 55.50	81	09	11	?	?	?		X		?		
TUK. SHELF	TBN-2	69 47.80	135 58.20	81	09	11	?	?	?		X		?		
TUK. SHELF	TBSC1	69 44.10	135 53.50	81	09	11	?	?	?		X		?		
TUK. SHELF	TBSC2	69 42.60	136 02.60	81	09	11	?	?	?		X		?		
HERSCHEL IS.	CS2	69 33.30	138 48.40	81	09	12	?	12	13	X		X	BOTT		
HERSCHEL IS.	DS2	69 32.70	138 47.60	81	09	13	?	12	13	X		X	BOTT		
HERSCHEL IS.	DS3	69 27.10	138 36.00	81	09	13	?	11	12	X		X	BOTT		
HERSCHEL IS.	DS4	69 32.15	138 46.30	81	09	13	?	14	15	X		X	BOTT		
HERSCHEL IS.	DS5	69 32.05	138 44.80	81	09	14	?	13	14	X		X	BOTT		
HERSCHEL IS.	DS8	69 27.10	138 35.20	81	09	14	?	11	12	X		X	BOTT		
HERSCHEL IS.	DS9	69 27.30	138 35.65	81	09	14	?	15	16	X		X	BOTT		
HERSCHEL IS.	DS10	69 31.80	138 44.80	81	09	14	?	13	14	X		X	BOTT		
TUK. SHELF	TN-1	69 53.87	136 11.65	81	09	22	?	?	?		X		?		
TUK. SHELF	TN-2	69 54.12	136 11.67	81	09	22	?	?	?		X		?		
TUK. SHELF	TN-3	69 55.45	136 11.73	81	09	22	?	?	?		X		?		
TUK. SHELF	TE-1	69 53.82	136 11.48	81	09	22	?	?	?		X		?		
TUK. SHELF	TE-2	69 53.82	136 10.78	81	09	22	?	?	?		X		?		
TUK. SHELF	TE-3	69 53.85	136 06.87	81	09	22	?	?	?		X		?		
TUK. SHELF	TS-1	69 53.77	136 11.65	81	09	22	?	?	?		X		?		
TUK. SHELF	TS-2	69 53.52	136 11.63	81	09	22	?	?	?		X		?		
TUK. SHELF	TS-3	69 52.17	136 11.55	81	09	22	?	?	?		X		?		
TUK. SHELF	TW-1	69 53.82	136 11.67	81	09	22	?	?	?		X		?		
TUK. SHELF	TW-2	69 53.82	136 12.42	81	09	22	?	?	?		X		?		
TUK. SHELF	TW-3	69 53.78	136 16.33	81	09	22	?	?	?		X		?		

BOTTLE/CTD DATA SET NUMBER: 81-0027
YEAR:1981 VESSEL/AGENCY: SEQUEL,LGL

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	N-1	69 50.7	133 20.0	81	08	01	01	?	14	X		X	HYDR		
TUK. SHELF	L-1	69 55.6	133 22.8	81	08	01	15	?	20	X		X	HYDR		
TUK. SHELF	N-2	70 02.0	133 55.0	81	08	05	17	?	23	X		X	HYDR		
TUK. SHELF	N-3	70 09.5	134 29.5	81	08	06	16	?	35	X		X	HYDR		
TUK. SHELF	N-2	70 02.0	133 55.0	81	08	06	19	?	23	X		X	HYDR		
TUK. SHELF	N-4	69 36.4	133 04.8	81	08	10	18	?	5	X		X	HYDR		
TUK. SHELF	N-5	70 10.0	133 28.5	81	08	11	18	?	40	X		X	HYDR		
TUK. SHELF	N-6	70 05.2	133 25.6	81	08	11	21	?	32	X		X	HYDR		
TUK. SHELF	N-7	70 00.5	133 23.3	81	08	12	01	?	27	X		X	HYDR		
TUK. SHELF	L-1	69 55.6	133 22.8	81	08	12	04	?	20	X		X	HYDR		
TUK. SHELF	N-1	69 50.7	133 20.0	81	08	12	06	?	14	X		X	HYDR		
TUK. SHELF	N-8	70 02.8	134 30.0	81	08	14	22	?	20	X		X	HYDR		
TUK. SHELF	N-9	70 00.3	134 43.0	81	08	18	06	?	26	X		X	HYDR		

TUK. SHELF	N-10	70 02.6	134 48.5	81 08 19 21	?	27	X		X	HYDR		
TUK. SHELF	N-11	70 08.3	134 38.3	81 08 24 22	?	30	X		X	HYDR		
TUK. SHELF	N-12	69 57.3	133 52.0	81 08 25 03	?	17	X		X	HYDR		
TUK. SHELF	N-13	69 52.0	134 49.0	81 08 25 20	?	11	X		X	HYDR		
TUK. SHELF	L-1	69 55.6	133 22.8	81 09 06 18	?	20	X		X	HYDR		

BOTTLE/CTD DATA SET NUMBER: 81-0029
YEAR:1981 VESSEL/AGENCY: DFO

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
KUGMALLIT BAY		69 26.*	132 58.*	81 06 01*	?	?			X	?		
LIVERPOOL BAY		69 22.	131 00.	81 06 01	?	?			X	?		

*NOMINAL LOCATIONS, DATES

BOTTLE/CTD DATA SET NUMBER: 82-0003
YEAR:1982 VESSEL/AGENCY: ASL

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
AMUNDSEN GULF	4128	70 16.08	124 20.50	82 03 29 18	58	62	X		X	GLDL		
AMUNDSEN GULF	4129	70 23.28	124 14.70	82 03 29 19	185	187	X		X	GLDL		
AMUNDSEN GULF	4130	70 37.90	123 49.18	82 03 29 20	467	467	X		X	GLDL		
AMUNDSEN GULF	4131	70 51.30	123 29.90	82 03 29 21	454	454	X		X	GLDL		
AMUNDSEN GULF	4132	71 03.50	123 09.38	82 03 29 22	263	264	X		X	GLDL		
AMUNDSEN GULF	4133	70 36.58	122 54.68	82 03 30 18	432	433	X		X	GLDL		
AMUNDSEN GULF	4134	69 45.08	120 47.58	82 03 30 20	236	239	X		X	GLDL		
AMUNDSEN GULF	4135	70 07.38	120 25.08	82 03 30 21	394	394	X		X	GLDL		
AMUNDSEN GULF	4136	70 32.58	120 03.80	82 03 30 22	313	313	X		X	GLDL		
AMUNDSEN GULF	4137	71 22.08	119 03.68	82 03 30 23	119	123	X		X	GLDL		
AMUNDSEN GULF	4138	71 00.30	121 44.00	82 03 31 17	315	316	X		X	GLDL		
AMUNDSEN GULF	4139	70 33.40	121 52.08	82 03 31 19	472	472	X		X	GLDL		
AMUNDSEN GULF	4140	69 51.68	122 11.88	82 03 31 20	90	94	X		X	GLDL		
AMUNDSEN GULF	4141	69 37.58	119 26.28	82 03 31 21	308	310	X		X	GLDL		
AMUNDSEN GULF	4142	70 01.50	118 48.08	82 03 31 22	437	438	X		X	GLDL		
AMUNDSEN GULF	4143	70 26.90	118 09.28	82 03 31 23	390	391	X		X	GLDL		
AMUNDSEN GULF	4144	70 47.58	118 36.50	82 04 01 00	278	280	X		X	GLDL		
DOLPHIN-UNION	4145	69 14.78	118 32.00	82 04 01 17	47	52	X		X	GLDL		
DOLPHIN-UNION	4146	69 19.28	118 13.50	82 04 01 18	182	184	X		X	GLDL		
DOLPHIN-UNION	4147	69 26.58	117 49.58	82 04 01 19	334	335	X		X	GLDL		
DOLPHIN-UNION	4148	69 32.90	117 27.50	82 04 01 20	226	229	X		X	GLDL		
DOLPHIN-UNION	4149	69 38.00	117 08.78	82 04 01 21	174	177	X		X	GLDL		
PR. WALES STR.	4150	71 33.40	120 17.20	82 04 02 17	91	95	X		X	GLDL		
PR. WALES STR.	4151	71 34.18	119 57.58	82 04 02 18	148	152	X		X	GLDL		
PR. WALES STR.	4152	71 35.08	119 25.20	82 04 02 20	104	108	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 82-0032
YEAR:1982 VESSEL/AGENCY: DFO

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. HARBOUR		69 26.	132 58.	82 07 27 ?	21	?	X		X	CT12		
TUK. HARBOUR		69 26.	132 58.	82 07 29 ?	21	?	X		X	CT12		
TUK. HARBOUR		69 26.	132 58.	82 08 06 ?	21	?	X		X	CT12		
TUK. HARBOUR		69 26.	132 58.	82 08 11 ?	21	?	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 82-0093
YEAR:1982 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TUK. SHELF		70	01.	134	19.	82	02	?	?	?	?	X		X	CT12		
TUK. SHELF		70	01.	134	19.	82	04	?	?	?	?	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 82-0094
YEAR:1982 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
HERSCHEL IS.	C-2	69	33.23	138	48.70	82	09	03	?	12	13	X		X	BOTT		
HERSCHEL IS.	D-2	69	32.60	138	47.70	82	09	03	?	11	12	X		X	BOTT		
HERSCHEL IS.	D-7	69	27.08	138	35.50	82	09	04	?	10	11	X		X	BOTT		
HERSCHEL IS.	D-8	69	26.95	138	34.20	82	09	05	?	11	12	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 82-0095
YEAR:1982 VESSEL/AGENCY: EPS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
YUKON COASTAL	S6	69	19.8	138	42.2	82	08	05	00	4.5	?	X		X	YSI		
YUKON COASTAL	S5	69	20.0	138	42.2	82	08	05	01	4.5	?	X		X	YSI		
YUKON COASTAL	S4	69	20.8	138	43.0	82	08	05	02	4.5	?	X		X	YSI		
YUKON COASTAL	S3	69	21.5	138	44.1	82	08	05	04	4.5	?	X		X	YSI		
YUKON COASTAL	S8	69	22.1	138	46.3	82	08	05	04	6.2	?	X		X	YSI		
YUKON COASTAL	S2	69	20.9	138	46.2	82	08	05	20	3.0	?	X		X	YSI		
YUKON COASTAL	S1	69	20.4	138	44.2	82	08	05	22	2.5	?	X		X	YSI		
YUKON COASTAL	K4	69	06.	137	57.	82	08	06	20	4.5	?	X		X	YSI		
YUKON COASTAL	K8	69	06.	137	57.	82	08	06	21	4.5	?	X		X	YSI		
YUKON COASTAL	K7	69	06.	137	57.	82	08	06	22	4.5	?	X		X	YSI		
YUKON COASTAL	K6	69	06.	137	57.	82	08	07	00	4.5	?	X		X	YSI		
YUKON COASTAL	K5	69	06.	137	57.	82	08	07	01	4.5	?	X		X	YSI		
YUKON COASTAL	K1	69	06.	137	57.	82	08	07	18	2.8	?	X		X	YSI		
YUKON COASTAL	K3	69	06.	137	57.	82	08	07	19	2.5	?	X		X	YSI		
YUKON COASTAL	K2	69	06.	137	57.	82	08	07	22	3.3	?	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 82-0097A
YEAR:1982 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TUK. SHELF	TE1	69	53.82	136	11.48	82	07	24	?	11	12	X			BOTT		
TUK. SHELF	TE2	69	53.82	136	10.78	82	07	24	?	21	22	X			BOTT		
TUK. SHELF	TE3	69	53.82	136	06.87	82	07	24	?	21	22	X			BOTT		
TUK. SHELF	TS1	69	53.77	136	11.65	82	07	24	?	9	10	X			BOTT		
TUK. SHELF	TS2	69	53.52	136	11.65	82	07	24	?	22	23	X			BOTT		

TUK. SHELF	TS3	69 52.17	136 11.65	82 07 24 ?	20	21	X			BOTT		
TUK. SHELF	TW1	69 53.82	136 11.82	82 07 24 ?	9	10	X			BOTT		
TUK. SHELF	TW2	69 53.82	136 12.42	82 07 24 ?	23	24	X			BOTT		
TUK. SHELF	TW3	69 53.82	136 16.33	82 07 24 ?	24	25	X			BOTT		
TUK. SHELF	TN3	69 55.45	136 11.65	82 07 28 ?	23	24	X			BOTT		
TUK. SHELF	TN1	69 53.87	136 11.65	82 07 29 ?	9	10	X			BOTT		
TUK. SHELF	TN2	69 54.12	136 11.65	82 07 29 ?	22	23	X			BOTT		
TUK. SHELF	TBC1	69 44.90	135 54.80	82 07 31 ?	6	7	X			BOTT		
TUK. SHELF	TBC2	69 45.25	135 56.40	82 07 31 ?	7	8	X			BOTT		
TUK. SHELF	TBC3	69 45.25	135 53.20	82 07 31 ?	7	8	X			BOTT		
TUK. SHELF	TBE1	69 45.80	135 51.20	82 07 31 ?	10	11	X			BOTT		
TUK. SHELF	TBE2	69 42.80	135 48.00	82 07 31 ?	10	11	X			BOTT		
TUK. SHELF	TBN1	69 45.90	135 55.30	82 07 31 ?	11	12	X			BOTT		
TUK. SHELF	TBS1	69 44.10	135 59.00	82 07 31 ?	7	8	X			BOTT		
TUK. SHELF	TBSC	69 44.10	135 53.50	82 07 31 ?	7	8	X			BOTT		
TUK. SHELF	TBW1	69 45.25	135 59.00	82 07 31 ?	10	11	X			BOTT		

BOTTLE/CTD DATA SET NUMBER: 82-0111
YEAR:1982 VESSEL/AGENCY: DFO

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
KUGMALLIT BAY		69 26.*	132 58.*	82 06 01*	?	?			X	?		
LIVERPOOL BAY		69 22.	131 00.	82 06 01	?	?			X	?		

*NOMINAL DATES, LOCATION

BOTTLE/CTD DATA SET NUMBER: 82-0118
YEAR:1982 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BEAUFORT SEA	NERLK	70 27.80	133 29.73	82 07 04 ?	?	?	X		X	CTD		
BEAUFORT SEA	IRKAL	70 34.08	134 10.22	82 07 26 ?	?	?	X		X	CTD		
BEAUFORT SEA	KENAL	70 43.73	133 58.47	82 07 27 ?	?	?	X		X	CTD		
BEAUFORT SEA	KIGGA	69 52.30	133 55.30	82 08 23 ?	?	?	X		X	CTD		
BEAUFORT SEA	ORVIL	70 22.82	136 30.90	82 08 29 ?	?	?	X		X	CTD		
BEAUFORT SEA	AIVER	70 24.67	133 42.00	82 10 05 ?	?	?	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 82-0119
YEAR:1982 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	1	70 10.6	130 58.9	82 09 18 05	32	32				CT12		
TUK. SHELF	2	70 10.6	130 58.9	82 09 18 05	29	29				CT12		
TUK. SHELF	3	70 10.6	130 58.9	82 09 18 05	32	32				CT12		
TUK. SHELF	4	70 10.6	130 58.9	82 09 18 06	29	29				CT12		
TUK. SHELF	5	70 10.6	130 58.9	82 09 18 14	28	28				CT12		
TUK. SHELF	6	70 10.6	130 58.9	82 09 18 15	28	28				CT12		
TUK. SHELF	7	70 10.6	130 58.9	82 09 18 15	28	28				CT12		
TUK. SHELF	8	70 10.6	130 58.9	82 09 18 16	29	29				CT12		
TUK. SHELF	9	70 10.6	130 58.9	82 09 18 16	30	30				CT12		
TUK. SHELF	10	70 10.6	130 58.9	82 09 18 16	28	28				CT12		
TUK. SHELF	11	70 10.6	130 58.9	82 09 18 18	30	30				CT12		
TUK. SHELF	12	70 10.6	130 58.9	82 09 18 18	31	31				CT12		
TUK. SHELF	13	70 10.6	130 58.9	82 09 18 20	28	28				CT12		
TUK. SHELF	14	70 10.6	130 58.9	82 09 18 22	33	?				CT12		

AREA	STN	LAT DEG MIN	LON DEG MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	C	S	T	INSTR	INT HR	NO
TUK. SHELF	15	70 10.6	130 58.9	82	09	18	23	28	28				CT12		

BOTTLE/CTD DATA SET NUMBER: 83-0047
YEAR:1983 VESSEL/AGENCY: EPS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
YUKON COASTAL	S6	69 19.8	138 42.2	83	08	02	16	4.5	5.0	X		X	YSI		
YUKON COASTAL	S5	69 20.0	138 42.2	83	08	03	01	4.5	5.0	X		X	YSI		
YUKON COASTAL	S4	69 20.8	138 43.0	83	08	03	02	4.5	5.0	X		X	YSI		
YUKON COASTAL	S3	69 21.5	138 44.1	83	08	04	13	4.5	5.0	X		X	YSI		
YUKON COASTAL	S8	69 22.1	138 46.3	83	08	04	15	4.5	5.0	X		X	YSI		
YUKON COASTAL	S2	69 20.9	138 46.2	83	08	04	16	3.0	3.5	X		X	YSI		
YUKON COASTAL	S1	69 20.4	138 44.2	83	08	04	18	2.5	3.0	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 83-C058
YEAR:1983 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	1	70 05.	134 31.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	2	70 06.	134 31.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	3	70 04.	134 25.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	4	70 06.	134 27.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	5	70 04.	134 21.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	6	70 05.	134 10.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	7	70 04.	134 05.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	8	69 56.	134 17.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	9	69 47.	134 07.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	10	69 36.	133 37.	83	08	21	?	0	?	X		X	BOTT		
TUK. SHELF	1	70 33.	133 14.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	2	70 30.	133 13.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	3	70 25.	133 13.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	4	70 20.	133 12.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	5	70 13.	133 11.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	6	70 08.	133 09.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	7	70 03.	133 05.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	8	69 56.	133 03.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	9	69 54.	133 03.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	10	69 46.	133 09.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	11	69 39.	133 10.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	12	69 34.	133 08.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	13	69 27.	133 04.	83	08	23	?	0	?	X		X	BOTT		
TUK. SHELF	14	69 27.	133 03.	83	08	23	?	0	?	X		X	BOTT		
ESKIMO LAKES	1	68 58.	133 10.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	2	69 00.	133 04.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	3	69 06.	132 46.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	4	69 09.	132 33.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	5	69 16.	132 16.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	6	69 24.	131 57.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	7	69 27.	131 48.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	8	69 30.	131 33.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	9	69 33.	131 23.	83	10	09	?	0	?	X		X	BOTT		
ESKIMO LAKES	10	69 32.	130 55.	83	10	09	?	0	?	X		X	BOTT		
LIVERPOOL BAY	11	69 45.	130 14.	83	10	09	?	0	?	X		X	BOTT		
LIVERPOOL BAY	12	69 48.	130 10.	83	10	09	?	0	?	X		X	BOTT		
LIVERPOOL BAY	13	69 51.	129 53.	83	10	09	?	0	?	X		X	BOTT		
LIVERPOOL BAY	14	69 54.	129 42.	83	10	09	?	0	?	X		X	BOTT		
LIVERPOOL BAY	15	69 55.	129 27.	83	10	09	?	0	?	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 83-0065
YEAR:1983 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
TUK. SHELF	8	69	43.36	133	51.18	83	07	19	?	?	3.5	X		X	CT12		
TUK. SHELF	6	69	54.77	133	25.46	83	07	20	?	?	20	X		X	CT12		
TUK. SHELF	5	69	51.96	133	22.08	83	07	20	?	?	12	X		X	CT12		
TUK. SHELF	4	69	47.82	133	19.33	83	07	20	?	?	10	X		X	CT12		
TUK. SHELF	3	69	42.58	133	14.91	83	07	20	?	?	7	X		X	CT12		
TUK. SHELF	2A	69	40.78	133	14.88	83	07	20	?	?	5.5	X		X	CT12		
TUK. SHELF	2	69	38.27	133	14.25	83	07	20	?	?	5.5	X		X	CT12		
TUK. SHELF	1	69	30.95	133	11.76	83	07	20	?	?	4.3	X		X	CT12		
TUK. SHELF	2B	69	38.88	133	17.41	83	07	21	?	?	5.5	X		X	CT12		
TUK. SHELF	12	69	55.00	134	48.14	83	07	23	?	?	16	X		X	CT12		
TUK. SHELF	11	69	53.35	134	33.42	83	07	23	?	?	11	X		X	CT12		
TUK. SHELF	10	69	48.5	134	18.6	83	07	23	?	?	5	X		X	CT12		
TUK. SHELF	9	69	46.66	134	05.64	83	07	23	?	?	3.5	X		X	CT12		
TUK. SHELF	8	69	43.30	133	51.81	83	07	23	?	?	3.5	X		X	CT12		
TUK. SHELF	7A	69	38.1	133	36.5	83	07	23	?	?	3.5	X		X	CT12		
TUK. SHELF	7	69	34.8	133	22.6	83	07	23	?	?	?	X		X	CT12		
TUK. SHELF	6	69	55.84	133	27.90	83	07	25	?	?	20	X		X	CT12		
TUK. SHELF	5	69	51.98	133	20.01	83	07	25	?	?	12	X		X	CT12		
TUK. SHELF	4	69	48.03	133	18.93	83	07	25	?	?	10	X		X	CT12		
TUK. SHELF	3	69	42.62	133	17.52	83	07	25	?	?	7	X		X	CT12		
TUK. SHELF	2A	69	43.25	133	16.96	83	07	25	?	?	5.5	X		X	CT12		
TUK. SHELF	2	69	38.60	133	13.03	83	07	25	?	?	5.6	X		X	CT12		
TUK. SHELF	1	69	31.31	330	80.0	83	07	25	?	?	4.3	X		X	CT12		
TUK. SHELF	11	69	53.82	134	36.10	83	07	26	?	?	11	X		X	CT12		
TUK. SHELF	10	69	48.45	134	18.60	83	07	26	?	?	5	X		X	CT12		
TUK. SHELF	9	69	45.91	134	04.94	83	07	26	?	?	3.5	X		X	CT12		
TUK. SHELF	8	69	43.51	133	51.75	83	07	26	?	?	3.5	X		X	CT12		
TUK. SHELF	7A	69	38.16	133	36.66	83	07	26	?	?	3.5	X		X	CT12		
TUK. SHELF	7	69	33.33	133	23.92	83	07	26	?	?	3.5	X		X	CT12		
TUK. SHELF	6	69	54.64	133	22.55	83	07	28	?	?	20	X		X	CT12		
TUK. SHELF	5	69	52.19	133	24.08	83	07	28	?	?	12	X		X	CT12		
TUK. SHELF	4	69	47.34	133	20.75	83	07	28	?	?	10	X		X	CT12		
TUK. SHELF	3	69	44.66	133	16.70	83	07	28	?	?	7	X		X	CT12		
TUK. SHELF	2	69	38.10	133	14.78	83	07	28	?	?	6	X		X	CT12		
TUK. SHELF	1	69	31.18	133	08.39	83	07	28	?	?	4	X		X	CT12		
TUK. SHELF	3	69	42.7	133	14.8	83	07	29	?	?	7	X		X	CT12	12	4
TUK. SHELF	15	69	45.0	132	05.0	83	08	10	?	?	5.5	X		X	CT12		
TUK. SHELF	14	69	44.4	132	36.0	83	08	10	?	?	6.5	X		X	CT12		
TUK. SHELF	13	69	40.8	132	53.8	83	08	10	?	?	6.0	X		X	CT12		
TUK. SHELF	1	69	31.5	133	08.2	83	08	10	?	?	4.3	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 83-0068
YEAR:1983 VESSEL/AGENCY: DFO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
LIVERPOOL BAY		69	22.	131	00.	83	06	11	?	?	?			X	?		
LIVERPOOL BAY		69	22.	131	00.	83	09	12	?	?	?			X	?		

BOTTLE/CTD DATA SET NUMBER: 83-0069
YEAR:1983 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA	NATIA	70	03.95	137	13.12	83	07	19	?	?	?	X		X	CTD		
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	83	07	26	?	?	?	X		X	CTD		
BEAUFORT SEA	SIULK	70	24.63	134	30.67	83	07	27	?	?	?	X		X	CTD		
BEAUFORT SEA	ARLUK	70	19.38	135	26.53	83	07	31	?	?	?	X		X	CTD		
BEAUFORT SEA	AIVRK	70	24.73	133	42.35	83	08	03	?	?	?	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 84-0043
YEAR:1984 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
KUGMALLIT BAY	X	69	46.0*	134	32.0*	84	04	01	?	?	?	X		X	BOTT	11	2

*NOMINAL LOCATION

BOTTLE/CTD DATA SET NUMBER: 84-0044
YEAR:1984 VESSEL/AGENCY: SEQUEL

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
TUK. SHELF	1	69	34.60	133	12.75	84	07	10	?	?	?	X		X	GLDL		
TUK. SHELF	2	69	35.64	133	10.89	84	07	10	?	?	5	X		X	GLDL		
TUK. SHELF	3	69	39.46	133	13.31	84	07	10	?	?	6	X		X	GLDL		
TUK. SHELF	4	69	46.89	133	19.54	84	07	10	?	?	11	X		X	GLDL		
TUK. SHELF	1A	69	32.50	133	08.70	84	07	18	?	?	?	X		X	GLDL		
TUK. SHELF	2A	69	33.11	133	17.72	84	07	18	?	?	?	X		X	GLDL		
TUK. SHELF	3A	69	38.01	133	31.31	84	07	18	?	?	?	X		X	GLDL		
TUK. SHELF	27	69	49.73	132	56.90	84	07	19	?	?	?	X		X	GLDL		
TUK. SHELF	28	69	53.25	132	55.60	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	29	69	54.05	132	50.96	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	30	69	53.95	132	45.61	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	31	69	49.71	132	24.48	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	32	69	53.75	132	11.45	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	33	69	52.80	131	48.00	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	34	69	56.80	131	31.50	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	35	70	01.60	131	16.95	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	36	70	05.80	131	01.00	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	37	70	11.85	130	50.80	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	38	70	15.85	130	34.70	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	39	70	20.02	130	18.40	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	40	70	16.70	130	00.00	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	41	70	06.25	130	02.00	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	42	70	08.68	130	04.55	84	07	20	?	?	?	X		X	GLDL		
TUK. SHELF	43	70	09.50	130	13.60	84	07	20	?	?	?	X		X	GLDL		
MACKINLEY BAY	ME1	70	03.90	131	01.50	84	07	21	?	?	?	X		X	GLDL		
MACKINLEY BAY	ME2	70	02.18	131	02.52	84	07	21	?	?	?	X		X	GLDL		
MACKINLEY BAY	ME3	70	00.60	131	03.60	84	07	21	?	?	?	X		X	GLDL		
MACKINLEY BAY	ME5	69	59.20	131	07.00	84	07	21	?	?	?	X		X	GLDL		
MACKINLEY BAY	ME6	69	57.45	131	08.50	84	07	21	?	?	?	X		X	GLDL		
MACKINLEY BAY	ME7	69	56.20	131	06.20	84	07	21	?	?	?	X		X	GLDL		
MACKINLEY BAY	ME8	69	54.40	131	09.50	84	07	21	?	?	?	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 84-0045
YEAR:1984 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	05	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	06	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	07	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	08	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	09	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	10	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	11	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	12	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	13	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	14	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	15	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	16	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	17	?	?	?	X		X	CTD		
TUK. SHELF	PITSI	69 54.23	136 45.58	84	07	18	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	08	?	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	13	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	14	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	15	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	16	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	17	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	18	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	19	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	20	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	21	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	22	?	?	?	X		X	CTD		
TUK. SHELF	AMAUL	70 03.52	133 42.75	84	09	23	?	?	?	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 84-0047
YEAR:1984 VESSEL/AGENCY: EPS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
YUKON COASTAL	K1	69 06.	137 57.	84	08	01	?	?	?	X		X	YSI		
YUKON COASTAL	K2	69 06.	137 57.	84	08	01	?	?	?	X		X	YSI		
YUKON COASTAL	K3	69 06.	137 57.	84	08	01	?	?	?	X		X	YSI		
YUKON COASTAL	K4	69 06.	137 57.	84	08	01	?	?	?	X		X	YSI		
YUKON COASTAL	K5	69 06.	137 57.	84	08	01	?	?	?	X		X	YSI		
YUKON COASTAL	K6	69 06.	137 57.	84	08	01	?	?	?	X		X	YSI		
YUKON COASTAL	K7	69 06.	137 57.	84	08	01	?	?	?	X		X	YSI		
YUKON COASTAL	K8	69 06.	137 57.	84	08	01	?	?	?	X		X	YSI		
YUKON COASTAL	S1	69 20.4	138 44.2	84	08	06	?	?	?	X		X	YSI		
YUKON COASTAL	S2	69 20.9	138 46.2	84	08	06	?	?	?	X		X	YSI		
YUKON COASTAL	S3	69 21.5	138 44.1	84	08	06	?	?	?	X		X	YSI		
YUKON COASTAL	S4	69 20.8	138 43.0	84	08	06	?	?	?	X		X	YSI		
YUKON COASTAL	S5	69 20.0	138 42.2	84	08	06	?	?	?	X		X	YSI		
YUKON COASTAL	S6	69 19.8	138 42.2	84	08	06	?	?	?	X		X	YSI		
YUKON COASTAL	S8	69 22.1	138 46.3	84	08	06	?	?	?	X		X	YSI		

BOTTLE/CTD DATA SET NUMBER: 84-0048
YEAR:1984 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	84	07	04	?	?	?	X		X	CT12		
BEAUFORT SEA	AIVRK	70	24.73	133	42.33	84	07	29	?	?	?	X		X	CTD		
BEAUFORT SEA	NATIA	70	03.95	137	13.12	84	09	02	?	?	?	X		X	CTD		
BEAUFORT SEA	ARLUK	90	19.38	135	26.52	84	09	09	?	?	?	X		X	CTD		
BEAUFORT SEA	SIULK	70	24.63	134	30.67	84	09	12	?	?	?	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 84-0049
YEAR:1984 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
HERSCHEL CANYON	I08	70	50.0	139	30.2	84	04	01	20	?	1506	X		X	CTD		
HERSCHEL CANYON	J04	70	26.4	137	40.7	84	04	01	22	505	506	X		X	CTD		
HERSCHEL CANYON	J01	70	15.4	137	45.4	84	04	02	20	70	74	X		X	CTD		
HERSCHEL CANYON	H11	70	00.2	137	45.3	84	04	02	22	83	87	X		X	CTD		
HERSCHEL CANYON	H07	69	58.6	138	14.4	84	04	02	22	204	208	X		X	CTD		
HERSCHEL CANYON	H05	70	01.1	138	35.2	84	04	02	23	263	268	X		X	CTD		
HERSCHEL CANYON	J02	70	16.8	137	25.0	84	04	04	18	67	70	X		X	CTD		
HERSCHEL CANYON	J03	70	19.6	137	26.7	84	04	04	18	143	148	X		X	CTD		
HERSCHEL CANYON	I06	70	15.0	138	47.1	84	04	04	21	456	457	X		X	CTD		
HERSCHEL CANYON	I05	70	02.9	138	35.1	84	04	04	22	285	288	X		X	CTD		
HERSCHEL CANYON	K00	69	23.3	138	43.8	84	04	04	23	11	16	X		X	CTD		
HERSCHEL CANYON	H02	69	56.4	139	06.0	84	04	06	18	108	110	X		X	CTD		
HERSCHEL CANYON	K01	69	27.2	138	46.8	84	04	06	19	54	56	X		X	CTD		
HERSCHEL CANYON	I01	69	26.3	138	01.3	84	04	06	20	51	56	X		X	CTD		
M'CLURE STRAIT	B07	74	24.5	123	58.0	84	04	20	19	263	265	X		X	CTD		
M'CLURE STRAIT	B08	74	30.7	123	42.0	84	04	20	20	370	372	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 85-0007
YEAR:1985 VESSEL/AGENCY: LGL

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY	G25	69	47.1	138	24.7	85	08	23	18	50	170	X		X	4021		
MACKENZIE BAY	G24	69	43.2	138	33.1	85	08	23	19	50	?	X		X	4021		
MACKENZIE BAY	G23	69	39.2	138	41.5	85	08	23	21	50	80	X		X	4021		
MACKENZIE BAY	G22	69	36.0	138	49.9	85	08	23	22	7	11	X		X	4021		
MACKENZIE BAY	G21	69	34.7	138	50.4	85	08	23	23	5	6	X		X	4021		
MACKENZIE BAY	G20	69	36.2	138	27.1	85	08	25	19	35	130	X		X	4021		
MACKENZIE BAY	G19	69	32.0	138	35.0	85	08	25	21	30	38	X		X	4021		
MACKENZIE BAY	G18	69	28.2	138	43.6	85	08	25	23	15	16	X		X	4021		
MACKENZIE BAY	G17	69	24.1	138	51.9	85	08	26	00	7	10	X		X	4021		
MACKENZIE BAY	G16	69	23.4	138	53.2	85	08	26	00	5	7	X		X	4021		
MACKENZIE BAY	G12	69	18.6	138	21.2	85	08	26	15	9	10	X		X	4021		
MACKENZIE BAY	G11	69	17.7	138	20.9	85	08	26	16	5	6	X		X	4021		
MACKENZIE BAY	G13	69	22.5	138	12.4	85	08	27	01	50	51	X		X	4021		
MACKENZIE BAY	G15	69	30.5	137	55.7	85	08	27	19	50	56	X		X	4021		
MACKENZIE BAY	G14	69	26.5	138	04.1	85	08	27	21	50	63	X		X	4021		
MACKENZIE BAY	G6	69	06.9	138	01.2	85	08	28	19	6	7	X		X	4021		
MACKENZIE BAY	G7A	69	07.3	137	59.8	85	08	28	21	10	11	X		X	4021		
MACKENZIE BAY	G1	69	01.6	137	38.0	85	08	28	23	5	6	X		X	4021		
MACKENZIE BAY	G2	69	04.5	137	46.9	85	08	29	01	10	11	X		X	4021		
MACKENZIE BAY	F1N	69	16.3	138	16.2	85	08	29	17	20	24	X		X	4021		
MACKENZIE BAY	F15	69	16.3	138	16.2	85	08	29	17	15	18	X		X	4021		
MACKENZIE BAY	F2	69	16.5	138	11.5	85	08	29	18	30	33	X		X	4021		

MACKENZIE BAY	G7B	69	07.3	137	59.8	85	08	29	21	9	10	X		X	4021		
MACKENZIE BAY	G8	69	10.8	137	49.5	85	08	29	23	25	30	X		X	4021		
MACKENZIE BAY	G3	69	08.0	137	37.5	85	08	30	01	18	20	X		X	4021		
MACKENZIE BAY	G4	69	12.3	137	28.7	85	08	30	14	18	20	X		X	4021		
MACKENZIE BAY	G9	69	15.7	137	42.5	85	08	30	17	30	33	X		X	4021		
MACKENZIE BAY	G5	69	16.1	137	20.4	85	08	30	19	20	20	X		X	4021		
MACKENZIE BAY	G10	69	18.8	137	32.4	85	08	30	21	35	39	X		X	4021		

BOTTLE/CTD DATA SET NUMBER: 85-0017
YEAR: 1985 VESSEL/AGENCY: DFO

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TUK. SHELF	50	69	51.0	132	31.0	85	03	24	23	?	10	X		X	?		
TUK. SHELF	51	69	30.0	133	06.0	85	03	25	18	?	4	X		X	?		
TUK. SHELF	52	69	40.0	132	44.0	85	03	25	20	?	4	X		X	?		
TUK. SHELF	53	69	56.5	132	36.5	85	03	27	00	?	15	X		X	?		
TUK. SHELF	54	69	47.5	132	30.4	85	03	27	18	?	8	X		X	?		
TUK. SHELF	55	69	54.2	133	30.5	85	03	27	19	?	15	X		X	?		
TUK. SHELF	56	69	48.2	133	27.2	85	03	27	20	?	9	X		X	?		
TUK. SHELF	57	69	38.2	133	23.5	85	03	27	21	?	5	X		X	?		
BEAUFORT SEA	01	69	46.8	133	57.5	85	05	17	?	?	5	X		X	?		
BEAUFORT SEA	02	69	49.8	134	01.2	85	05	17	?	?	7	X		X	?		
BEAUFORT SEA	03	69	59.9	134	02.3	85	05	17	?	?	19	X		X	?		
BEAUFORT SEA	04	70	00.6	132	31.7	85	05	17	?	?	18	X		X	?		
BEAUFORT SEA	05	69	49.3	132	29.3	85	05	17	?	?	10	X		X	?		
BEAUFORT SEA	06	69	45.6	132	28.8	85	05	17	?	?	7	X		X	?		
BEAUFORT SEA	07	69	29.5	136	29.8	85	05	18	?	?	11	X		X	?		
BEAUFORT SEA	08	69	29.8	137	02.3	85	05	18	?	?	29	X		X	?		
BEAUFORT SEA	09	69	16.8	137	34.5	85	05	18	?	?	39	X		X	?		
BEAUFORT SEA	10	69	10.1	137	39.9	85	05	18	?	?	28	X		X	?		
BEAUFORT SEA	11	69	06.7	137	27.9	85	05	18	?	?	8	X		X	?		
BEAUFORT SEA	12	69	08.0	137	40.6	85	05	18	20	?	17	X		X	?		
BEAUFORT SEA	13	69	31.5	136	30.3	85	05	18	21	?	8	X		X	?		
BEAUFORT SEA	14	69	55.1	134	00.2	85	05	18	22	?	11	X		X	?		
BEAUFORT SEA	15	70	05.8	131	01.0	85	05	19	15	?	12	X		X	?		
BEAUFORT SEA	16	70	00.1	131	32.4	85	05	19	16	?	15	X		X	?		
BEAUFORT SEA	17	70	04.7	131	31.0	85	05	19	16	?	18	X		X	?		
BEAUFORT SEA	18	69	56.9	131	30.6	85	05	19	17	?	12	X		X	?		
BEAUFORT SEA	19	70	00.5	132	00.3	85	05	19	18	?	19	X		X	?		
BEAUFORT SEA	20	69	53.6	132	00.1	85	05	19	18	?	10	X		X	?		
BEAUFORT SEA	21	69	45.7	131	58.3	85	05	19	19	?	7	X		X	?		
BEAUFORT SEA	22	69	53.4	132	29.3	85	05	19	19	?	13	X		X	?		
BEAUFORT SEA	100	69	30.8	133	09.5	85	07	18	18	?	4	X		X	?		
BEAUFORT SEA	103	69	37.8	133	11.2	85	07	21	16	?	6	X		X	?		
BEAUFORT SEA	104	69	37.1	133	02.3	85	07	22	17	?	6	X		X	?		
BEAUFORT SEA	105	69	36.5	132	59.8	85	07	22	20	?	2	X		X	?		
BEAUFORT SEA	106	69	20.7	138	43.2	85	07	24	14	4	4	X		X	?		
BEAUFORT SEA	108	69	25.0	138	47.9	85	07	24	20	49	53	X		X	?		
BEAUFORT SEA	109	69	27.7	138	47.9	85	07	24	22	67	69	X		X	?		
BEAUFORT SEA	111	69	31.6	138	59.8	85	07	25	18	14	15	X		X	?		
BEAUFORT SEA	112	69	31.1	138	55.5	85	07	15	20	46	52	X		X	?		
BEAUFORT SEA	113	69	28.5	138	48.8	85	07	25	23	57	64	X		X	?		
BEAUFORT SEA	114	69	16.9	138	20.2	85	07	26	16	5	6	X		X	?		
BEAUFORT SEA	115	69	16.2	138	16.6	85	07	26	18	14	15	X		X	?		
BEAUFORT SEA	116	69	12.0	137	41.5	85	07	26	21	28	29	X		X	?		
BEAUFORT SEA	117	69	18.2	137	11.9	85	07	26	00	13	15	X		X	?		
BEAUFORT SEA	102	69	28.0	133	02.0	85	08	04	21	?	5		X	X	BOTT		
BEAUFORT SEA	120	69	39.7	138	42.5	85	08	05	17	?	100		X	X	BOTT		
BEAUFORT SEA	121	69	40.5	138	52.5	85	08	05	21	?	50		X	X	BOTT		
BEAUFORT SEA	122	69	38.3	138	54.7	85	08	05	01	?	30		X	X	BOTT		
BEAUFORT SEA	125	69	39.0	132	54.6	85	08	09	21	?	3	X		X	?		
BEAUFORT SEA	126	69	40.3	132	56.5	85	08	10	00	?	6	X		X	?		
BEAUFORT SEA	127	69	37.3	132	59.9	85	08	10	02	?	2	X		X	?		
BEAUFORT SEA	128	69	37.3	133	02.0	85	08	10	04	?	6	X		X	?		
BEAUFORT SEA	129	69	37.0	133	52.5	85	08	10	16	?	3	X		X	?		
BEAUFORT SEA	130	69	41.9	133	41.0	85	08	10	19	?	7	X		X	?		
BEAUFORT SEA	131	69	46.2	133	32.0	85	08	10	21	?	9	X		X	?		
BEAUFORT SEA	132	69	46.8	134	24.2	85	08	11	00	?	4	X		X	?		
BEAUFORT SEA	133	69	52.6	134	35.6	85	08	11	16	?	11	X		X	?		
BEAUFORT SEA	134	69	58.1	134	36.3	85	08	11	19	?	15	X		X	?		
BEAUFORT SEA	135	69	39.2	135	30.1	85	08	12	01	6	6	X		X	?		
BEAUFORT SEA	136	69	37.0	135	56.4	85	08	12	17	7	7	X		X	?		
BEAUFORT SEA	137	69	39.7	136	37.4	85	08	12	21	16	16	X		X	?		

BEAUFORT SEA	138	69 38.9	137 03.3	85	08	13	00	30	30	X		X	?		
BEAUFORT SEA	102	69 28.1	133 01.2	85	09	02	21	?	4	X		X	?		
BEAUFORT SEA	200	69 33.2	139 01.6	85	09	07	15	4	5	X		X	?		
BEAUFORT SEA	201	69 31.6	138 59.8	85	09	07	17	13	14	X		X	?		
BEAUFORT SEA	202	69 31.0	138 55.5	85	09	07	20	40	40	X		X	?		
BEAUFORT SEA	203	69 29.5	138 49.1	85	09	07	22	57	57	X		X	?		
BEAUFORT SEA	204	69 35.0	138 50.0	85	09	08	15	5	6	X		X	?		
BEAUFORT SEA	205	69 35.5	138 47.4	85	09	08	19	15	16	X		X	?		
BEAUFORT SEA	206	69 37.3	138 44.8	85	09	08	21	44	50	X		X	?		
BEAUFORT SEA	207	69 27.8	138 47.8	85	09	09	17	54	65	X		X	?		
BEAUFORT SEA	208	69 25.2	138 45.8	85	09	09	21	23	25	X		X	?		
BEAUFORT SEA	209	69 22.8	138 43.4	85	09	09	22	12	12	X		X	?		
BEAUFORT SEA	210	69 20.3	138 42.1	85	09	09	00	5	5	X		X	?		
BEAUFORT SEA	211	69 38.1	138 35.0	85	09	10	15	123	130	X		X	?		
BEAUFORT SEA	212	69 59.5	131 10.2	85	09	12	14	?	6	X		X	?		
BEAUFORT SEA	213	70 04.6	131 27.2	85	09	12	16	?	15	X		X	?		
BEAUFORT SEA	214	69 59.2	132 00.9	85	09	12	19	?	15	X		X	?		
BEAUFORT SEA	215	69 47.4	132 01.8	85	09	12	23	?	6	X		X	?		
BEAUFORT SEA	216	69 51.6	132 30.5	85	09	13	01	?	11	X		X	?		
BEAUFORT SEA	217	69 39.2	132 56.2	85	09	13	05	?	6	X		X	?		

BOTTLE/CTD DATA SET NUMBER: 85-0031
YEAR:1985 VESSEL/AGENCY: LGL

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
HERSCHEL	13	69 52.8	140 55.2	85	09	18	23	38	?	X		X	CT12		

BOTTLE/CTD DATA SET NUMBER: 85-0032
YEAR:1985 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BEAUFORT SEA		71 31.3	133 21.5	85	03	?	?	1100	1107	X		X	CTD		
BEAUFORT SEA		70 42.3	136 17.1	85	03	?	?	710	710	X		X	CTD		
BEAUFORT SEA		70 37.6	136 06.5	85	03	?	?	370	370	X		X	CTD		
BEAUFORT SEA		70 27.2	135 55.4	85	03	?	?	56	58	X		X	CTD		
BEAUFORT SEA		70 13.0	135 38.0	85	03	?	?	46	48	X		X	CTD		
BEAUFORT SEA		70 30.2	140 15.0	85	03	?	?	563	566	X		X	CTD		
BEAUFORT SEA		70 16.4	140 35.4	85	03	?	?	53	56	X		X	CTD		
BEAUFORT SEA		70 10.2	140 44.4	85	03	?	?	45	48	X		X	CTD		
BEAUFORT SEA		70 03.5	140 49.7	85	03	?	?	47	51	X		X	CTD		
BEAUFORT SEA		71 25.4	131 01.4	85	03	?	?	332	335	X		X	CTD		
BEAUFORT SEA		71 22.1	130 55.0	85	03	?	?	221	226	X		X	CTD		
BEAUFORT SEA		71 17.8	130 42.0	85	03	?	?	74	78	X		X	CTD		
BEAUFORT SEA		71 10.5	130 23.4	85	03	?	?	48	50	X		X	CTD		
BEAUFORT SEA		71 02.2	130 02.8	85	03	?	?	38	41	X		X	CTD		
BEAUFORT SEA		70 42.5	133 16.5	85	03	?	?	56	58	X		X	CTD		
BEAUFORT SEA		71 41.1	134 22.4	85	03	?	?	1397	1397	X		X	CTD		
BEAUFORT SEA		70 58.9	133 22.6	85	03	?	?	71	75	X		X	CTD		
BEAUFORT SEA		71 09.7	133 41.9	85	03	?	?	553	555	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 85-0033
YEAR:1985 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
BEAUFORT SEA	ARLUK	70	19.39	135	26.53	85	09	29	15	?	?	X		X	CTD	
BEAUFORT SEA	ARLUK	70	19.39	135	26.53	85	10	02	16	?	?	X		X	CTD	
BEAUFORT SEA	ARLUK	70	19.39	135	26.53	85	10	03	14	?	?	X		X	CTD	
BEAUFORT SEA	ARLUK	70	19.39	135	26.53	85	10	04	15	?	?	X		X	CTD	
BEAUFORT SEA	ARLUK	70	19.39	135	26.53	85	10	09	15	?	?	X		X	CTD	
BEAUFORT SEA	ARLUK	70	19.39	135	26.53	85	10	10	14	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	10	02	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	12	02	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	14	02	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	17	00	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	19	03	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	27	17	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	29	14	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	31	17	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	09	02	17	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	09	04	16	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	09	06	16	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	09	23	15	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	10	01	17	?	?	X		X	CTD	
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	10	06	02	?	?	X		X	CTD	
BEAUFORT SEA	EDLOK	69	45.83	140	14.37	85	08	16	17	?	?	X		X	CTD	
BEAUFORT SEA	EDLOK	69	45.83	140	14.37	85	08	18	14	?	?	X		X	CTD	
BEAUFORT SEA	EDLOK	69	45.83	140	14.37	85	08	20	15	?	?	X		X	CTD	
BEAUFORT SEA	EDLOK	69	45.83	140	14.37	85	08	22	17	?	?	X		X	CTD	
BEAUFORT SEA	EDLOK	69	45.83	140	14.37	85	08	24	15	?	?	X		X	CTD	
BEAUFORT SEA	EDLOK	69	45.83	140	14.37	85	09	19	14	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	08	13	05	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	08	29	04	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	08	30	03	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	03	21	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	06	01	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	07	01	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	08	01	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	09	07	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	10	21	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	12	01	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	13	18	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	15	03	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	23	22	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	26	00	?	?	X		X	CTD	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	85	09	30	14	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	08	22	17	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	08	28	17	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	08	29	08	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	08	30	13	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	08	31	20	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	02	11	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	09	15	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	10	02	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	11	04	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	12	04	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	13	02	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	13	04	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	14	02	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	14	22	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	21	02	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	22	04	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	23	01	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	24	09	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	25	21	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	26	02	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	27	19	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	28	19	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	09	29	16	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	10	01	15	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	10	02	23	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	10	03	20	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	10	04	22	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	10	05	17	?	?	X		X	CTD	
BEAUFORT SEA	NERLK	70	26.68	133	19.47	85	10	07	16	?	?	X		X	CTD	

BOTTLE/CTD DATA SET NUMBER: 85-0036
YEAR:1985 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
OFF BANKS IS.	B10	74	16.7	125	18.5	85	04	23	21	?	61	X		X	CTD		
OFF BANKS IS.	B10	74	16.7	125	18.5	85	04	23	21	?	63	X		X	CTD		
OFF BANKS IS.	B11	74	19.4	128	39.9	85	05	03	16	?	297	X		X	CTD		
OFF BANKS IS.	B12	74	10.1	125	41.0	85	05	03	19	?	47	X		X	CTD		
OFF BANKS IS.	B13	74	11.8	126	08.8	85	05	03	21	?	228	X		X	CTD		
OFF BANKS IS.	B13	74	11.8	126	08.8	85	05	03	22	?	229	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 85-0037
YEAR:1985 VESSEL/AGENCY: GULF

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TUK. SHELF	AKPAK	70	14.87	134	09.38	85	07	?	?	?	?	X		X	CTD		
TUK. SHELF	AKPAK	70	14.87	134	09.38	85	08	?	?	?	?	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 86-0003
YEAR:1986 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BEAUFORT SEA	1	69	38.2	133	17.5	86	09	10	14	?	6	X		X	GLDL		
BEAUFORT SEA	2	69	44.0	133	18.8	86	09	10	17	?	?	X		X	AML		
BEAUFORT SEA	3	69	50.1	133	21.0	86	09	10	19	?	?	X		X	GLDL		
BEAUFORT SEA	4	69	55.2	133	23.2	86	09	11	00	?	21	X		X	AML		
BEAUFORT SEA	4B	69	55.2	133	23.2	86	09	11	01	?	21	X		X	AML		
BEAUFORT SEA	7	70	12.8	133	33.6	86	09	11	19	?	51	X		X	AML		
BEAUFORT SEA	9	70	23.2	133	46.0	86	09	11	00	?	?	X		X	AML		
BEAUFORT SEA	10	70	28.9	133	52.8	86	09	12	02	?	62	X		X	GLDL		
BEAUFORT SEA	11	70	33.5	133	59.6	86	09	12	05	?	60	X		X	GLDL		
BEAUFORT SEA	12	70	39.0	134	06.0	86	09	12	07	?	?	X		X	GLDL		
BEAUFORT SEA	13	70	44.2	134	12.0	86	09	12	08	?	?	X		X	GLDL		
BEAUFORT SEA	14	70	49.2	134	18.0	86	09	12	10	?	?	X		X	GLDL		
BEAUFORT SEA	15	70	54.6	134	24.8	86	09	12	11	?	?	X		X	GLDL		
BEAUFORT SEA	16	70	59.6	134	31.2	86	09	12	12	?	280	X		X	GLDL		
BEAUFORT SEA	17	71	04.6	134	38.0	86	09	13	03	?	1200	X		X	GLDL		
BEAUFORT SEA	18	70	37.4	136	43.0	86	09	13	05	?	?	X		X	GLDL		
BEAUFORT SEA	19	70	32.2	136	36.8	86	09	13	07	?	?	X		X	GLDL		
BEAUFORT SEA	20	70	27.0	136	30.8	86	09	13	08	?	69	X		X	GLDL		
BEAUFORT SEA	21	70	21.5	136	25.5	86	09	13	10	?	?	X		X	GLDL		
BEAUFORT SEA	22	70	16.4	136	19.2	86	09	13	11	?	?	X		X	GLDL		
BEAUFORT SEA	23	70	11.2	136	13.6	86	09	13	13	?	48	X		X	GLDL		
BEAUFORT SEA	24	70	05.8	136	08.0	86	09	13	14	?	39	X		X	GLDL		
BEAUFORT SEA	25	70	00.2	136	02.0	86	09	13	15	?	?	X		X	GLDL		
BEAUFORT SEA	26	69	54.8	135	55.2	86	09	13	19	?	20	X		X	GLDL		
BEAUFORT SEA	27	69	49.4	135	49.2	86	09	13	20	?	12	X		X	GLDL		
BEAUFORT SEA	28	69	44.4	135	43.2	86	09	14	00	?	?	X		X	GLDL		
BEAUFORT SEA	29	69	04.8	137	42.8	86	09	14	06	?	12	X		X	GLDL		
BEAUFORT SEA	30	69	10.8	137	48.0	86	09	14	08	?	27	X		X	GLDL		
BEAUFORT SEA	31	69	16.6	137	54.2	86	09	14	09	?	?	X		X	GLDL		
BEAUFORT SEA	32	69	22.5	137	59.2	86	09	14	11	?	?	X		X	GLDL		
BEAUFORT SEA	33	69	27.5	138	05.0	86	09	14	12	?	72	X		X	GLDL		
BEAUFORT SEA	34	69	33.3	138	10.4	86	09	14	13	?	108	X		X	GLDL		
BEAUFORT SEA	35	69	39.1	138	16.5	86	09	14	14	?	140	X		X	GLDL		

BEAUFORT SEA	36	69	44.7	138	21.8	86	09	14	15	?	165	X		X	GLDL
BEAUFORT SEA	37	69	50.0	138	27.0	86	09	14	16	?	205	X		X	GLDL
BEAUFORT SEA	38	69	55.2	138	32.6	86	09	14	17	?	238	X		X	GLDL
BEAUFORT SEA	39	70	01.0	138	38.0	86	09	14	19	?	280	X		X	GLDL
BEAUFORT SEA	40	70	06.8	138	43.9	86	09	14	20	?	330	X		X	GLDL
BEAUFORT SEA	41	70	11.6	138	49.0	86	09	14	23	?	400	X		X	GLDL
BEAUFORT SEA	42	69	35.5	138	24.5	86	09	14	23	?	?	X		X	GLDL
BEAUFORT SEA	43	69	32.1	138	33.7	86	09	14	23	?	?	X		X	GLDL
BEAUFORT SEA	44	69	29.0	138	41.9	86	09	14	23	?	?	X		X	GLDL
BEAUFORT SEA	45	69	27.2	138	47.0	86	09	14	23	?	?	X		X	GLDL
BEAUFORT SEA	S1	69	46.5	133	19.7	86	09	16	00	?	10	X		X	GLDL
BEAUFORT SEA	S2	69	47.0	133	20.0	86	09	16	00	?	?	X		X	GLDL
BEAUFORT SEA	S3	69	48.0	133	20.1	86	09	16	01	?	?	X		X	GLDL
BEAUFORT SEA	S4	69	48.8	133	20.4	86	09	16	01	?	?	X		X	GLDL
BEAUFORT SEA	S5	69	49.2	133	20.5	86	09	16	01	?	12	X		X	GLDL
BEAUFORT SEA	S6	69	49.8	133	20.6	86	09	16	01	?	12	X		X	GLDL
BEAUFORT SEA	S7	69	50.5	133	21.0	86	09	16	01	?	13	X		X	GLDL
BEAUFORT SEA	S8	69	51.3	133	21.1	86	09	16	02	?	14	X		X	GLDL
BEAUFORT SEA	S9	69	51.9	133	21.2	86	09	16	02	?	15	X		X	GLDL
BEAUFORT SEA	S10	69	52.6	133	21.4	86	09	16	02	?	16	X		X	GLDL
BEAUFORT SEA	S11	69	53.3	133	21.6	86	09	16	02	?	17	X		X	GLDL
BEAUFORT SEA	S12	69	54.2	133	21.8	86	09	16	02	?	18	X		X	GLDL
BEAUFORT SEA	S13	69	54.9	133	21.9	86	09	16	03	?	21	X		X	GLDL
BEAUFORT SEA	S14	69	55.6	133	22.0	86	09	16	03	?	22	X		X	GLDL
BEAUFORT SEA	S15	69	56.4	133	22.4	86	09	16	03	?	22	X		X	GLDL
BEAUFORT SEA	S16	69	56.9	133	22.8	86	09	16	03	?	24	X		X	GLDL
BEAUFORT SEA	S17	69	57.4	133	23.0	86	09	16	03	?	26	X		X	GLDL
BEAUFORT SEA	S18	69	58.5	133	23.5	86	09	16	04	?	28	X		X	GLDL
BEAUFORT SEA	S19	69	59.8	133	24.0	86	09	16	04	?	29	X		X	GLDL
BEAUFORT SEA	S20	70	01.3	133	24.8	86	09	16	04	?	29	X		X	GLDL
BEAUFORT SEA	S21	70	07.5	132	25.0	86	09	16	07	?	28	X		X	GLDL
BEAUFORT SEA	S22	70	06.8	132	22.1	86	09	16	07	?	29	X		X	GLDL
BEAUFORT SEA	S23	70	05.6	132	24.4	86	09	16	07	?	27	X		X	GLDL
BEAUFORT SEA	S24	70	04.5	132	23.5	86	09	16	08	?	25	X		X	GLDL
BEAUFORT SEA	S25	70	02.8	132	23.0	86	09	16	08	?	23	X		X	GLDL
BEAUFORT SEA	S26	70	01.3	132	22.7	86	09	16	08	?	20	X		X	GLDL
BEAUFORT SEA	S27	69	59.7	132	23.3	86	09	16	09	?	19	X		X	GLDL
BEAUFORT SEA	S28	69	58.6	132	22.6	86	09	16	09	?	17	X		X	GLDL
BEAUFORT SEA	S29	69	56.8	132	22.0	86	09	16	09	?	16	X		X	GLDL
BEAUFORT SEA	S30	69	55.4	132	21.4	86	09	16	09	?	14	X		X	GLDL
BEAUFORT SEA	S31	69	53.9	132	21.0	86	09	16	10	?	12	X		X	GLDL
BEAUFORT SEA	S32	69	52.8	132	21.0	86	09	16	10	?	16	X		X	GLDL

BOTTLE/CTD DATA SET NUMBER: 86-0004
YEAR: 1986 VESSEL/AGENCY: LGL

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MACKENZIE BAY	51	69	59.0	131	26.6	86	08	28	14	9	10				ST12		
MACKENZIE BAY	51A	70	02.0	131	26.6	86	08	29	14	13	?				ST12		
MACKENZIE BAY	51B	70	05.0	131	26.6	86	08	29	15	15	?				ST12		
MACKENZIE BAY	52	70	09.0	131	26.6	86	08	29	16	19	?				ST12		
MACKENZIE BAY	52A	70	12.0	131	26.6	86	08	29	18	22	?				ST12		
MACKENZIE BAY	52B	70	15.0	131	26.6	86	08	29	18	26	?				ST12		
MACKENZIE BAY	53A	70	22.0	131	26.6	86	08	29	22	37	?				ST12		
MACKENZIE BAY	53B	70	25.0	131	26.6	86	08	29	23	37	?				ST12		
MACKENZIE BAY	53	70	19.0	131	26.6	86	08	29	23	28	?				ST12		
MACKENZIE BAY	54	70	29.0	131	26.6	86	08	29	23	34	?				ST12		
MACKENZIE BAY	54A	70	32.0	131	26.6	86	08	30	01	35	?				ST12		
MACKENZIE BAY	54B	70	35.0	131	26.6	86	08	30	02	38	?				ST12		
MACKENZIE BAY	54C	70	38.0	131	26.6	86	08	30	03	42	?				ST12		
MACKENZIE BAY	54D	70	41.0	131	26.6	86	08	30	03	42	?				ST12		
MACKENZIE BAY	54E	70	44.0	131	26.6	86	08	30	03	43	?				ST12		
MACKENZIE BAY	55	70	49.0	131	26.6	86	08	30	04	49	49				ST12		
MACKENZIE BAY	60	70	42.3	132	52.5	86	08	30	12	49	?				ST12		
MACKENZIE BAY	59E	70	37.0	132	52.5	86	08	30	14	39	?				ST12		
MACKENZIE BAY	59D	70	34.0	132	52.5	86	08	30	14	36	?				ST12		
MACKENZIE BAY	59C	70	31.0	132	52.5	86	08	30	15	36	?				ST12		
MACKENZIE BAY	59B	70	28.0	132	52.5	86	08	30	17	39	?				ST12		
MACKENZIE BAY	59A	70	25.0	132	52.5	86	08	30	17	37	?				ST12		
MACKENZIE BAY	59	70	22.3	132	52.5	86	08	30	18	30	?				ST12		
MACKENZIE BAY	58B	70	19.0	132	52.5	86	08	30	18	36	?				ST12		
MACKENZIE BAY	58A	70	15.6	132	52.5	86	08	30	21	33	?	X		X	ST12		
MACKENZIE BAY	58	70	12.3	132	52.5	86	08	30	21	28	?	X		X	ST12		

MACKENZIE BAY	57B	70	08.3	132	52.5	86	08	30	22	25	?	X	X	ST12
MACKENZIE BAY	57A	70	05.3	132	52.5	86	08	31	00	27	?	X	X	ST12
MACKENZIE BAY	57	70	02.3	132	52.5	86	08	31	01	23	?	X	X	ST12
MACKENZIE BAY	56B	69	58.3	132	52.5	86	08	31	01	16	?	X	X	ST12
MACKENZIE BAY	56A	69	55.3	132	52.5	86	08	31	03	10	?	X	X	ST12
MACKENZIE BAY	56	69	52.3	132	52.5	86	08	31	03	11	11	X	X	ST12
MACKENZIE BAY	61	69	53.4	133	58.0	86	08	31	18	9	10	X	X	ST12
MACKENZIE BAY	61A	69	56.4	133	58.0	86	08	31	19	15	?	X	X	ST12
MACKENZIE BAY	62	70	03.4	133	58.0	86	08	31	20	23	?	X	X	ST12
MACKENZIE BAY	61B	69	59.4	133	58.0	86	08	31	20	19	?	X	X	ST12
MACKENZIE BAY	62A	70	06.4	133	58.0	86	08	31	22	23	?	X	X	ST12
MACKENZIE BAY	62B	70	09.4	133	58.0	86	08	31	22	28	?	X	X	ST12
MACKENZIE BAY	63	70	13.4	133	58.0	86	08	31	23	35	?	X	X	ST12
MACKENZIE BAY	63A	70	16.4	133	58.0	86	09	01	00	38	?	X	X	ST12
MACKENZIE BAY	63B	70	19.4	133	58.0	86	09	01	01	43	?	X	X	ST12
MACKENZIE BAY	64	70	23.4	133	58.0	86	09	01	01	51	?	X	X	ST12
MACKENZIE BAY	64A	70	26.4	133	58.0	86	09	01	02	55	?	X	X	ST12
MACKENZIE BAY	64B	70	29.4	133	58.0	86	09	01	04	58	?	X	X	ST12
MACKENZIE BAY	64C	70	32.4	133	58.0	86	09	01	04	52	?	X	X	ST12
MACKENZIE BAY	64D	70	35.4	133	58.0	86	09	01	05	61	?	X	X	ST12
MACKENZIE BAY	64E	70	38.4	133	58.0	86	09	01	05	64	?	X	X	ST12
MACKENZIE BAY	65	70	43.4	133	58.0	86	09	01	06	55	62	X	X	ST12
MACKENZIE BAY	70	70	40.3	134	50.0	86	09	01	15	55	58	X	X	ST12
MACKENZIE BAY	69E	70	35.3	134	50.0	86	09	01	15	58	?	X	X	ST12
MACKENZIE BAY	69D	70	32.3	134	50.0	86	09	01	17	58	?	X	X	ST12
MACKENZIE BAY	69C	70	29.3	134	50.0	86	09	01	18	52	?	X	X	ST12
MACKENZIE BAY	69B	70	26.3	134	50.0	86	09	01	19	54	?	X	X	ST12
MACKENZIE BAY	69A	70	23.3	134	50.0	86	09	01	20	50	?	X	X	ST12
MACKENZIE BAY	69	70	20.3	134	50.0	86	09	01	20	41	?	X	X	ST12
MACKENZIE BAY	68B	70	16.3	134	50.0	86	09	01	21	39	?	X	X	ST12
MACKENZIE BAY	68A	70	13.3	134	50.0	86	09	01	22	38	?	X	X	ST12
MACKENZIE BAY	68	70	10.3	134	50.0	86	09	01	23	36	?	X	X	ST12
MACKENZIE BAY	67B	70	06.3	134	50.0	86	09	01	23	30	?	X	X	ST12
MACKENZIE BAY	67A	70	03.3	134	50.0	86	09	02	01	28	?	X	X	ST12
MACKENZIE BAY	67	70	00.3	134	50.0	86	09	02	02	21	?	X	X	ST12
MACKENZIE BAY	66B	69	56.3	134	50.0	86	09	02	03	14	?	X	X	ST12
MACKENZIE BAY	66A	69	53.3	134	50.0	86	09	02	03	5	?	X	X	ST12
MACKENZIE BAY	66	69	50.3	134	50.0	86	09	02	04	7	10	X	X	ST12
MACKENZIE BAY	76	70	13.7	130	46.1	86	09	03	01	11	11	X	X	ST12
MACKENZIE BAY	76A	70	16.7	130	46.1	86	09	03	01	19	?	X	X	ST12
MACKENZIE BAY	76B	70	19.7	130	46.1	86	09	03	05	13	?	X	X	ST12
MACKENZIE BAY	77	70	23.7	130	46.1	86	09	03	05	19	?	X	X	ST12
MACKENZIE BAY	772	70	23.7	130	46.1	86	09	03	12	19	?	X	X	ST12
MACKENZIE BAY	77A1	70	26.7	130	46.1	86	09	03	13	22	?	X	X	ST12
MACKENZIE BAY	77B	70	29.7	130	46.1	86	09	03	14	22	?	X	X	ST12
MACKENZIE BAY	78	70	33.7	130	46.1	86	09	03	14	25	?	X	X	ST12
MACKENZIE BAY	78A	70	36.7	130	46.1	86	09	03	15	30	?	X	X	ST12
MACKENZIE BAY	78B	70	39.7	130	46.1	86	09	03	17	33	?	X	X	ST12
MACKENZIE BAY	79	70	43.7	130	46.1	86	09	03	18	34	?	X	X	ST12
MACKENZIE BAY	79A	70	47.0	130	46.1	86	09	03	18	37	?	X	X	ST12
MACKENZIE BAY	79B	70	50.5	130	46.1	86	09	03	21	37	?	X	X	ST12
MACKENZIE BAY	79C	70	53.8	130	46.1	86	09	03	22	44	?	X	X	ST12
MACKENZIE BAY	79D	70	57.3	130	46.1	86	09	03	22	41	46	X	X	ST12
MACKENZIE BAY	81	70	53.3	130	56.0	86	09	04	02	41	44	X	X	ST12
MACKENZIE BAY	82	70	52.8	131	06.5	86	09	04	03	49	?	X	X	ST12
MACKENZIE BAY	83	70	52.0	131	18.5	86	09	04	04	49	?	X	X	ST12
MACKENZIE BAY	84	70	51.3	131	30.0	86	09	04	04	51	?	X	X	ST12
MACKENZIE BAY	85	70	50.6	131	43.0	86	09	04	05	51	?	X	X	ST12
MACKENZIE BAY	86	70	50.0	131	54.5	86	09	04	06	54	?	X	X	ST12
MACKENZIE BAY	87	70	49.5	132	06.2	86	09	04	06	54	?	X	X	ST12
MACKENZIE BAY	88	70	49.4	132	16.2	86	09	04	07	57	?	X	X	ST12
MACKENZIE BAY	89	70	48.9	132	31.0	86	09	04	08	57	?	X	X	ST12
MACKENZIE BAY	90	70	48.3	132	42.5	86	09	04	09	57	?	X	X	ST12
MACKENZIE BAY	91	70	47.4	132	54.3	86	09	04	09	54	?	X	X	ST12
MACKENZIE BAY	92	70	47.1	133	04.0	86	09	04	10	54	?	X	X	ST12
MACKENZIE BAY	93	70	46.1	133	16.3	86	09	04	11	59	?	X	X	ST12
MACKENZIE BAY	94	70	45.5	133	28.1	86	09	04	12	67	?	X	X	ST12
MACKENZIE BAY	95	70	44.3	133	46.1	86	09	04	13	69	?	X	X	ST12
MACKENZIE BAY	96	70	43.7	133	53.0	86	09	04	14	67	67	X	X	ST12
MACKENZIE BAY	65-2	70	43.4	133	58.0	86	09	04	14	67	67	X	X	ST12
MACKENZIE BAY	64E-2	70	38.4	133	58.0	86	09	04	18	61	?	X	X	ST12
MACKENZIE BAY	64D-2	70	35.4	133	58.0	86	09	04	19	60	?	X	X	ST12
MACKENZIE BAY	64C-2	70	32.4	133	58.0	86	09	04	19	55	?	X	X	ST12
MACKENZIE BAY	64B-2	70	29.4	133	58.0	86	09	04	19	54	?	X	X	ST12
MACKENZIE BAY	64A-2	70	26.4	133	58.0	86	09	04	20	52	?	X	X	ST12
MACKENZIE BAY	64-2	70	23.4	133	58.0	86	09	04	20	50	?	X	X	ST12
MACKENZIE BAY	63B-2	70	19.4	133	58.0	86	09	04	21	31	?	X	X	ST12
MACKENZIE BAY	63A-2	70	16.4	133	58.0	86	09	05	00	43	?	X	X	ST12
MACKENZIE BAY	63-2	70	13.4	133	58.0	86	09	05	00	40	?	X	X	ST12
MACKENZIE BAY	62B-2	70	09.4	133	58.0	86	09	05	01	32	?	X	X	ST12
MACKENZIE BAY	62A-2	70	06.4	133	58.0	86	09	05	03	27	?	X	X	ST12
MACKENZIE BAY	62-2	70	03.4	133	58.0	86	09	05	03	23	?	X	X	ST12
MACKENZIE BAY	61B-2	69	59.4	133	58.0	86	09	05	04	18	?	X	X	ST12

MACKENZIE BAY	61A-2	69 56.4	133 58.0	86	09	05	06	12	?	X		X	ST12
MACKENZIE BAY	61-2	69 53.4	133 58.0	86	09	05	06	10	11	X		X	ST12
MACKENZIE BAY	97	69 51.4	134 25.9	86	09	05	07	11	?	X		X	ST12
MACKENZIE BAY	30	69 31.8	136 46.1	86	09	05	15	13	13	X		X	ST12
MACKENZIE BAY	5C	69 27.9	136 54.6	86	09	05	18	13	?	X		X	ST12
MACKENZIE BAY	5B	69 24.0	137 03.2	86	09	05	18	16	?	X		X	ST12
MACKENZIE BAY	5A	69 20.1	137 11.8	86	09	05	19	17	?	X		X	ST12
MACKENZIE BAY	5	69 16.1	137 20.4	86	09	05	19	22	?	X		X	ST12
MACKENZIE BAY	4A	69 14.2	137 24.6	86	09	05	20	22	?	X		X	ST12
MACKENZIE BAY	4	69 12.3	137 28.7	86	09	05	21	19	?	X		X	ST12
MACKENZIE BAY	3A	69 10.1	137 33.1	86	09	05	22	21	?	X		X	ST12
MACKENZIE BAY	3	69 08.0	137 37.5	86	09	06	00	20	?	X		X	ST12
MACKENZIE BAY	2A	69 06.3	137 42.2	86	09	06	00	19	?	X		X	ST12
MACKENZIE BAY	2	69 04.5	137 46.9	86	09	06	02	11	14	X		X	ST12
MACKENZIE BAY	7	69 07.9	137 58.3	86	09	06	06	20	22	X		X	ST12
MACKENZIE BAY	7A	69 09.1	137 55.2	86	09	06	07	30	?	X		X	ST12
MACKENZIE BAY	8	69 10.8	137 49.5	86	09	06	07	31	?	X		X	ST12
MACKENZIE BAY	8A	69 13.2	137 46.0	86	09	06	07	32	?	X		X	ST12
MACKENZIE BAY	9	69 15.7	137 42.5	86	09	06	08	31	?	X		X	ST12
MACKENZIE BAY	9A	69 17.2	137 37.4	86	09	06	08	34	?	X		X	ST12
MACKENZIE BAY	10	69 18.8	137 32.4	86	09	06	09	34	?	X		X	ST12
MACKENZIE BAY	10A	69 22.6	137 24.6	86	09	06	09	39	?	X		X	ST12
MACKENZIE BAY	10B	69 26.5	137 16.9	86	09	06	10	33	?	X		X	ST12
MACKENZIE BAY	10C	69 30.4	137 09.1	86	09	06	10	26	?	X		X	ST12
MACKENZIE BAY	31	69 34.3	136 58.6	86	09	06	11	22	22	X		X	ST12
MACKENZIE BAY	103	69 37.2	137 04.2	86	09	06	12	29	?	X		X	ST12
MACKENZIE BAY	104	69 40.1	137 09.8	86	09	06	12	41	?	X		X	ST12
MACKENZIE BAY	105	69 43.0	137 15.4	86	09	06	13	47	?	X		X	ST12
MACKENZIE BAY	32	69 46.0	137 21.0	86	09	06	13	51	70	X		X	ST12
MACKENZIE BAY	15C	69 47.1	137 29.6	86	09	06	16	56	?	X		X	ST12
MACKENZIE BAY	15B	69 34.3	137 47.0	86	09	06	17	58	?	X		X	ST12
MACKENZIE BAY	15	69 30.5	137 55.7	86	09	06	18	51	?	X		X	ST12
MACKENZIE BAY	14A	69 28.5	137 59.9	86	09	06	19	63	?	X		X	ST12
MACKENZIE BAY	14	69 26.5	138 04.1	86	09	06	21	63	?	X		X	ST12
MACKENZIE BAY	13A	69 24.5	138 08.2	86	09	07	00	58	?	X		X	ST12
MACKENZIE BAY	13	69 22.5	138 12.4	86	09	07	00	48	?	X		X	ST12
MACKENZIE BAY	12A	69 20.3	138 17.0	86	09	07	00	36	?	X		X	ST12
MACKENZIE BAY	12	69 19.2	138 20.0	86	09	07	03	22	22	X		X	ST12
MACKENZIE BAY	106	69 23.5	138 26.2	86	09	07	03	24	?	X		X	ST12
MACKENZIE BAY	108	69 24.8	138 44.0	86	09	07	07	22	?	X		X	ST12
MACKENZIE BAY	17	69 24.1	138 51.9	86	09	07	08	10	20	X		X	ST12
MACKENZIE BAY	17A	69 26.1	138 47.4	86	09	07	08	35	?	X		X	ST12
MACKENZIE BAY	18	69 28.2	138 43.6	86	09	07	09	16	?	X		X	ST12
MACKENZIE BAY	18A	69 30.1	138 39.3	86	09	07	09	16	?	X		X	ST12
MACKENZIE BAY	19	69 32.0	138 35.0	86	09	07	09	47	?	X		X	ST12
MACKENZIE BAY	19A	69 34.1	138 31.0	86	09	07	10	74	?	X		X	ST12
MACKENZIE BAY	20	69 36.2	138 27.1	86	09	07	10	103	?	X		X	ST12
MACKENZIE BAY	20A	69 40.0	138 18.3	86	09	07	10	109	?	X		X	ST12
MACKENZIE BAY	20B	69 43.7	138 09.6	86	09	07	11	106	?	X		X	ST12
MACKENZIE BAY	20C	69 47.4	138 00.8	86	09	07	12	106	?	X		X	ST12
MACKENZIE BAY	33	69 51.2	137 52.0	86	09	07	13	105	112	X		X	ST12
MACKENZIE BAY	109	69 56.7	137 51.0	86	09	07	13	103	118	X		X	ST12
MACKENZIE BAY	34	70 02.3	137 50.0	86	09	07	15	104	140	X		X	ST12
MACKENZIE BAY	25C	69 58.5	137 58.6	86	09	07	16	97	?	X		X	ST12
MACKENZIE BAY	25B	69 54.7	138 07.3	86	09	07	17	101	?	X		X	ST12
MACKENZIE BAY	25A	69 50.9	138 16.0	86	09	07	18	101	?	X		X	ST12
MACKENZIE BAY	25	69 47.1	138 24.7	86	09	07	18	102	?	X		X	ST12
MACKENZIE BAY	24A	69 45.1	138 28.9	86	09	07	19	104	?	X		X	ST12
MACKENZIE BAY	24	69 43.2	138 33.1	86	09	07	23	105	?	X		X	ST12
MACKENZIE BAY	23A	69 41.0	138 37.3	86	09	07	23	101	?	X		X	ST12
MACKENZIE BAY	23	69 39.2	138 41.5	86	09	08	01	103	?	X		X	ST12
MACKENZIE BAY	22A	69 37.6	138 45.7	86	09	08	04	47	?	X		X	ST12
MACKENZIE BAY	22	69 36.0	138 49.9	86	09	08	04	13	13	X		X	ST12
MACKENZIE BAY	201	69 25.1	136 40.3	86	09	08	19	14	?	X		X	ST12
MACKENZIE BAY	202	69 25.1	136 26.4	86	09	08	20	11	?	X		X	ST12
MACKENZIE BAY	203	69 37.7	136 34.4	86	09	08	20	13	13	X		X	ST12
MACKENZIE BAY	204	69 36.3	136 30.0	86	09	08	21	11	11	X		X	ST12

BOTTLE/CTD DATA SET NUMBER: 86-0008
YEAR: 1986 VESSEL/AGENCY: LGL

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
HERSCHEL	1	69 35.7	139 31.6	86	09	04	17	15	17	X		X	CT12		

HERSCHEL	2A	69	35.2	139	27.9	86	09	04	20	13	15	X		X	CT12	
HERSCHEL	3B	69	37.7	139	27.3	86	09	04	21	11	24	X		X	CT12	
HERSCHEL	4C	69	38.9	139	28.5	86	09	04	21	8	25	X		X	CT12	
HERSCHEL	2	69	40.3	139	28.4	86	09	04	22	7	25	X		X	CT12	
HERSCHEL	10	69	38.1	140	49.4	86	09	07	17	7	12	X		X	CT12	
HERSCHEL	11	69	38.7	140	52.4	86	09	07	19	14	15	X		X	CT12	
HERSCHEL	T4-3	69	55.0	140	55.8	86	09	10	19	28	43	X		X	CT12	
HERSCHEL	T4-4	70	07.1	140	52.6	86	09	11	00	21	53	X		X	CT12	
HERSCHEL	T4-5	70	17.8	140	34.2	86	09	11	20	10	180	X		X	CT12	

BOTTLE/CTD DATA SET NUMBER: 86-0010
YEAR: 1986 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BEAUFORT SEA		70	41.8	136	13.2	86	04	?	?	600	600	X		X	CTD		
BEAUFORT SEA		70	31.2	136	02.6	86	04	?	?	66	68	X		X	CTD		
BEAUFORT SEA		70	13.1	135	33.5	86	04	?	?	49	52	X		X	CTD		
BEAUFORT SEA		69	53.4	135	09.1	86	04	?	?	18	20	X		X	CTD		
BEAUFORT SEA		71	38.4	131	30.8	86	04	?	?	860	860	X		X	CTD		
BEAUFORT SEA		71	24.3	130	59.7	86	04	?	?	300	300	X		X	CTD		
BEAUFORT SEA		71	11.6	130	29.1	86	04	?	?	53	56	X		X	CTD		
BEAUFORT SEA		70	50.6	129	44.5	86	04	?	?	26	28	X		X	CTD		
BEAUFORT SEA		70	29.8	129	01.4	86	04	?	?	10	13	X		X	CTD		
BEAUFORT SEA		70	49.1	139	46.5	86	04	?	?	1530	1700	X		X	CTD		
BEAUFORT SEA		70	23.9	140	23.0	86	04	?	?	415	415	X		X	CTD		
BEAUFORT SEA		70	16.0	140	35.4	86	04	?	?	54	59	X		X	CTD		
BEAUFORT SEA		70	05.6	140	52.5	86	04	?	?	49	53	X		X	CTD		
BEAUFORT SEA		69	57.8	139	37.1	86	04	?	?	47	52	X		X	CTD		
BEAUFORT SEA		71	45.6	134	23.3	86	04	?	?	1495	1600	X		X	CTD		
BEAUFORT SEA		71	10.5	133	37.5	86	04	?	?	650	650	X		X	CTD		
BEAUFORT SEA		70	57.5	133	24.5	86	04	?	?	76	78	X		X	CTD		
BEAUFORT SEA		69	54.0	133	26.9	86	04	?	?	17	19	X		X	CTD		
BEAUFORT SEA		70	48.8	139	44.0	86	04	?	?	1490	1650	X		X	CTD		
BEAUFORT SEA		70	43.3	133	11.8	86	04	?	?	50	52	X		X	CTD		
BEAUFORT SEA		70	23.2	133	42.3	86	04	?	?	58	60	X		X	CTD		

11.2 CURRENT-METER DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; wherever possible it is the station number assigned in the original data source. Multiple meters are differentiated as 1.1, 1.2, 1.3, for example.
LAT, LONG	In degrees and minutes.
START/STOP	Year, month and day instrument recorded over. If the data represent a single current profile, then the start and stop dates will be the same.
EFF LEN	Effective record length, days of both speed and direction data. May be blank if not obvious from the available documentation.
DT (MN)	Sampling rate in minutes.
DEPTHS-INSTR/WATER	Instrument and water depth, in metres.
INSTR TYPE	Instrument type: AAND - Aanderaa RCM-4 or RCM-5 AMF - AMF vector averaging BEND - Bendix BR - Braincon CMDR - CMDR (modified to record on Aanderaa-type tape) CUSH - Cushing electromagnetic DOWS - Dows - Deep Ocean Work System vector-measuring ENDE - Endeco GEOD - Geodyne GO - General Oceanics HYDR - Hydrowerstatten HYPR - Hydro Products (Savonius rotor/vane) HYTC - Hytech MARA - Marine Advisors M-MC - Marsh McBirney electromagnetic NEYR - Neyrpic CM NB - Neil Brown acoustic OSS4 - Ocean Systems model S4 electromagnetic RICH - Richardson SETR - Sea-Track
ADDIT SENSOR	Other parameters measured - pressure, temperature, conductivity. Each measurement is qualified by one of the following: X - measurements of this parameter were made

Blank entries indicate unavailable or inapplicable data.

? indicates information not in our data base, but often available in the reference cited in section 10.3.

CURRENT METER DATA SET NUMBER: 70-0001
YEAR:1970 VESSEL/AGENCY: AIDJEX

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
CANADA BASIN		72	00.	144	00.	70	03	12	70	?	?	?	?	10	?	?			
CANADA BASIN		72	00.	144	00.	70	03	12	70	?	?	?	?	40	?	?			
CANADA BASIN		72	00.	144	00.	70	03	12	70	?	?	?	?	150	?	?			
CANADA BASIN		72	00.	144	00.	70	03	12	70	?	?	?	?	500	?	?			
CANADA BASIN		72	30.	135	00.	70	03	12	70	?	?	?	?	10	?	BR			
CANADA BASIN		72	30.	135	00.	70	03	12	70	?	?	?	?	40	?	?			
CANADA BASIN		72	30.	135	00.	70	03	12	70	?	?	?	?	150	?	?			
CANADA BASIN		72	30.	135	00.	70	03	12	70	?	?	?	?	500	?	?			

CURRENT METER DATA SET NUMBER: 70-0003
YEAR:1970 VESSEL/AGENCY: RICHARDSON,BIO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
TUK. SHELF	1	69	39.49	133	40.00	70	07	16	70	07	17	2	60	1	6	HYDR			
TUK. SHELF	2	69	51.69	134	22.69	70	07	24	70	07	25	2	60	1	9	HYDR			

CURRENT METER DATA SET NUMBER: 70-0005
YEAR:1970 VESSEL/AGENCY: OSI

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
HERSCHEL IS.	1	69	30.	138	40.	70	?	?	70	?	?	?	15	3	16	GEOD			
HERSCHEL IS.	1	69	30.	138	40.	70	?	?	70	?	?	?	15	12	16	GEOD			
MACKENZIE BAY	2	69	20.	138	16.	70	?	?	70	?	?	?	15	3	39	GEOD			
MACKENZIE BAY	2	69	20.	138	16.	70	?	?	70	?	?	?	15	33	39	GEOD			
KUGMALLIT BAY	9	69	42.	133	18.	70	04	02	70	05	04	?	15	4	7	GEOD			
FRANKLIN BAY	19	69	37.	125	49.	70	?	?	70	?	?	?	15	5	22	GEOD			
FRANKLIN BAY	19	69	37.	125	49.	70	?	?	70	?	?	?	15	17	22	GEOD			

CURRENT METER DATA SET NUMBER: 71-0003
YEAR:1971 VESSEL/AGENCY: AIDJEX

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
CANADA BASIN		74	04.	131	23.	71	03	16	71	04	01	?	10	50	?	AAND			
CANADA BASIN		74	04.	131	23.	71	03	16	71	04	01	?	20	10	?	BR			
CANADA BASIN		74	04.	131	23.	71	03	17	71	04	01	?	20	10	?	BR			
CANADA BASIN		74	04.	131	23.	71	03	17	71	04	01	?	20	150	?	BR			
CANADA BASIN		74	04.	131	23.	71	03	17	71	04	02	?	20	300	?	BR			
CANADA BASIN		74	04.	131	23.	71	03	21	71	04	07	?	?	5	?	?			
CANADA BASIN		74	04.	131	23.	71	03	21	71	04	07	?	?	7	?	?			
CANADA BASIN		74	04.	131	23.	71	03	21	71	04	07	?	?	11	?	?			
CANADA BASIN		74	04.	131	23.	71	03	21	71	04	07	?	?	19	?	?			

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
CANADA BASIN		74 04.	131 23.	71 03 21	71 04 07	?	?	32	?	?	
CANADA BASIN		74 04.	131 23.	71 03 21	71 04 07	?	?	75	?	?	

CURRENT METER DATA SET NUMBER: 73-0001
YEAR:1973 VESSEL/AGENCY: SLANEY

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
MACKENZIE BAY	1	69 37.2	134 40.0	73 03 20	73 03 21	?	?	?	?	?	
MACKENZIE BAY	2	69 37.0	134 40.6	73 03 21	73 03 21	?	?	?	?	?	
MACKENZIE BAY	3	69 37.2	134 41.2	73 03 21	73 03 21	?	?	?	?	?	
MACKENZIE BAY	SS	69 37.5	134 41.0	73 03 21	73 03 21	?	?	?	?	?	
MACKENZIE BAY	5D	69 36.9	134 35.0	73 03 21	73 03 21	?	?	?	?	?	
MACKENZIE BAY	6C	69 39.5	134 43.5	73 03 20	73 03 20	?	?	?	?	?	
MACKENZIE BAY	7B	69 35.7	134 33.2	73 03 21	73 03 21	?	?	?	?	?	

CURRENT METER DATA SET NUMBER: 74-0001
YEAR:1974 VESSEL/AGENCY: SLANEY

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
MACKENZIE BAY	801	69 36.5	134 39.9	74 04 14	74 04 14	?	?	?	?	HYPR	

CURRENT METER DATA SET NUMBER: 74-0003
YEAR:1974 VESSEL/AGENCY: ARCTICUS

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
MACKENZIE BAY	16	69 37.0	135 10.4	74 07 15	74 07 15	?	?	?	?	HYPR	
MACKENZIE BAY	15	69 31.2	134 56.3	74 07 15	74 07 15	?	?	?	?	HYPR	
MACKENZIE BAY	14	69 34.1	134 37.7	74 07 15	74 07 15	?	?	?	?	HYPR	
MACKENZIE BAY	1	70 01.	134 38.	74 07 21	74 07 21	?	?	?	?	HYPR	
MACKENZIE BAY	8	69 32.9	135 56.9	74 07 21	74 07 21	?	?	?	?	HYPR	
MACKENZIE BAY	10	69 32.2	135 44.3	74 07 21	74 07 21	?	?	?	?	HYPR	
MACKENZIE BAY	18	69 33.8	135 23.5	74 07 21	74 07 21	?	?	?	?	HYPR	
MACKENZIE BAY	16	69 37.0	135 10.4	74 07 21	74 07 21	?	?	?	?	HYPR	
MACKENZIE BAY	13	69 35.9	134 48.7	74 07 22	74 07 22	?	?	?	?	HYPR	
MACKENZIE BAY	14	69 34.1	134 37.7	74 07 22	74 07 22	?	?	?	?	HYPR	
MACKENZIE BAY	15	69 31.2	134 56.3	74 07 22	74 07 22	?	?	?	?	HYPR	
MACKENZIE BAY	56	69 20.2	135 47.2	74 07 23	74 07 23	?	?	?	?	HYPR	
MACKENZIE BAY	24	69 38.6	135 32.2	74 08 05	74 08 05	?	?	?	?	HYPR	
MACKENZIE BAY	17	69 40.0	135 12.8	74 08 05	74 08 05	?	?	?	?	HYPR	
MACKENZIE BAY	16	69 37.0	135 10.4	74 08 05	74 08 05	?	?	?	?	HYPR	
MACKENZIE BAY	18	69 33.8	135 23.5	74 08 06	74 08 06	?	?	?	?	HYPR	
MACKENZIE BAY	14	69 34.1	134 37.7	74 08 06	74 08 06	?	?	?	?	HYPR	
MACKENZIE BAY	15	69 31.2	134 56.3	74 08 06	74 08 06	?	?	?	?	HYPR	
MACKENZIE BAY	13	69 35.9	134 48.7	74 08 07	74 08 07	?	?	?	?	HYPR	
MACKENZIE BAY	56	69 20.2	135 47.2	74 08 08	74 08 08	?	?	?	?	HYPR	
MACKENZIE BAY	22	69 25.0	135 52.3	74 08 08	74 08 08	?	?	?	?	HYPR	
MACKENZIE BAY	25	69 26.5	135 33.4	74 08 08	74 08 08	?	?	?	?	HYPR	
MACKENZIE BAY	5	69 52.7	135 04.7	74 08 08	74 08 08	?	?	?	?	HYPR	
MACKENZIE BAY	8	69 32.9	135 56.9	74 08 08	74 08 08	?	?	?	?	HYPR	
MACKENZIE BAY	4	69 53.7	134 36.3	74 08 08	74 08 08	?	?	?	?	HYPR	
MACKENZIE BAY	16	69 37.0	135 10.4	74 08 08	74 08 08	?	?	?	?	HYPR	
MACKENZIE BAY	22	69 25.0	135 52.3	74 08 08	74 08 08	?	?	?	?	HYPR	
MACKENZIE BAY	18	69 33.8	135 23.5	74 08 08	74 08 08	?	?	?	?	HYPR	

MACKENZIE BAY	10	69	32.2	135	44.3	74	08	08	74	08	08	?	?	?	?	HYPR
MACKENZIE BAY	13	69	35.9	134	48.7	74	08	08	74	08	08	?	?	?	?	HYPR
MACKENZIE BAY	14	69	34.1	134	37.7	74	08	08	74	08	08	?	?	?	?	HYPR
MACKENZIE BAY	15	69	31.2	134	56.3	74	08	08	74	08	08	?	?	?	?	HYPR
MACKENZIE BAY	26	69	44.8	134	20.3	74	08	08	74	08	08	?	?	?	?	HYPR
MACKENZIE BAY	12	69	42.0	134	37.1	74	08	08	74	08	08	?	?	?	?	HYPR
MACKENZIE BAY	13	69	35.9	134	48.7	74	08	13	74	08	13	?	?	?	?	HYPR
MACKENZIE BAY	18	69	33.8	135	23.5	74	08	14	74	08	14	?	?	?	?	HYPR
MACKENZIE BAY	10	69	32.2	135	44.3	74	08	14	74	08	14	?	?	?	?	HYPR
MACKENZIE BAY	23	69	18.6	135	37.6	74	08	14	74	08	14	?	?	?	?	HYPR
MACKENZIE BAY	22	69	25.0	135	52.3	74	08	24	74	08	24	?	?	?	?	HYPR
MACKENZIE BAY	10	69	32.2	135	44.3	74	08	24	74	08	24	?	?	?	?	HYPR
MACKENZIE BAY	11	69	49.2	134	36.5	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	26	69	44.8	134	20.3	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	12	69	42.0	134	37.1	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	14	69	34.1	134	37.7	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	13	69	35.9	134	48.7	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	15	69	31.2	134	56.3	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	2	69	48.7	133	57.4	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	16	69	37.0	135	10.4	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	18	69	33.8	135	23.5	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	3	69	58.8	134	20.9	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	19	69	30.6	135	37.4	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	10	69	32.2	135	44.3	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	22	69	25.0	135	52.3	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	4	69	53.7	134	36.3	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	5	69	52.7	135	04.7	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	17	69	40.0	135	12.8	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	6	69	50.1	135	35.0	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	7	69	48.1	136	01.1	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	8	69	32.9	135	56.9	74	08	26	74	08	26	?	?	?	?	HYPR
MACKENZIE BAY	27	69	30.2	135	43.3	74	08	28	74	08	28	?	?	?	?	HYPR
MACKENZIE BAY	28	69	30.9	135	44.7	74	08	28	74	08	28	?	?	?	?	HYPR
MACKENZIE BAY	8	69	32.9	135	56.9	74	08	28	74	08	28	?	?	?	?	HYPR
MACKENZIE BAY	25	69	26.5	135	33.4	74	08	28	74	08	28	?	?	?	?	HYPR
MACKENZIE BAY	19	69	30.6	135	37.4	74	08	29	74	08	29	?	?	?	?	HYPR
MACKENZIE BAY	10	69	32.2	135	44.3	74	08	29	74	08	29	?	?	?	?	HYPR
MACKENZIE BAY	22	69	25.0	135	52.3	74	08	30	74	08	30	?	?	?	?	HYPR
MACKENZIE BAY	5	69	52.7	135	04.7	74	09	01	74	09	01	?	?	?	?	HYPR

CURRENT METER DATA SET NUMBER: 74-0005
YEAR:1974 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
MACKENZIE BAY	4	69	41.90	137	09.20	74	05	08	74	06	29	53	30	40	43	AAND			
BEAUFORT SEA	11	71	02.49	128	31.49	74	05	09	74	08	12	96	30	25	28	AAND		X	X

CURRENT METER DATA SET NUMBER: 74-0019
YEAR:1974 VESSEL/AGENCY: SLANEY

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
MACKENZIE BAY	UNARK	69	33.50	134	37.00	74	02	?	74	03	?	?	?	?	?	HYPR			
MACKENZIE BAY	PELLY	69	34.17	135	23.50	74	02	?	74	03	?	?	?	?	?	HYPR			
MACKENZIE BAY	GARRY	69	24.50	135	31.25	74	02	?	74	03	?	?	?	?	?	HYPR			

CURRENT METER DATA SET NUMBER: 75-0004
YEAR:1975 VESSEL/AGENCY: ARCTICUS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
MACKENZIE BAY	16	69	37.1	135	10.5	75	07	10	75	07	10	?	?	?	?	HYPR			
MACKENZIE BAY	12	69	42.2	134	35.8	75	07	11	75	07	11	?	?	?	?	HYPR			
MACKENZIE BAY	11	69	49.1	134	36.3	75	07	13	75	07	13	?	?	?	?	HYPR			
MACKENZIE BAY	73	69	40.4	133	20.3	75	07	15	75	07	15	?	?	?	?	HYPR			
MACKENZIE BAY	74	69	35.7	133	09.5	75	07	15	75	07	15	?	?	?	?	HYPR			
MACKENZIE BAY	75	69	31.5	133	06.5	75	07	15	75	07	15	?	?	?	?	HYPR			
MACKENZIE BAY	77	69	33.9	133	30.3	75	07	15	75	07	15	?	?	?	?	HYPR			
MACKENZIE BAY	78	69	36.9	133	25.6	75	07	15	75	07	15	?	?	?	?	HYPR			
MACKENZIE BAY	2	69	48.8	133	58.2	75	07	17	75	07	17	?	?	?	?	HYPR			
MACKENZIE BAY	26	69	44.7	134	21.3	75	07	18	75	07	18	?	?	?	?	HYPR			
MACKENZIE BAY	62	69	24.3	135	49.3	75	07	26	75	07	26	?	?	?	?	HYPR			
MACKENZIE BAY	8	69	32.7	135	57.0	75	07	28	75	07	28	?	?	?	?	HYPR			
MACKENZIE BAY	7	69	46.0	135	57.8	75	07	28	75	07	28	?	?	?	?	HYPR			
MACKENZIE BAY	16	69	37.1	135	10.5	75	07	30	75	07	30	?	?	?	?	HYPR			
MACKENZIE BAY	12	69	42.2	134	35.8	75	07	30	75	07	30	?	?	?	?	HYPR			
MACKENZIE BAY	1	69	54.9	134	17.0	75	07	31	75	07	31	?	?	?	?	HYPR			
MACKENZIE BAY	11	69	49.1	134	36.3	75	07	31	75	07	31	?	?	?	?	HYPR			
MACKENZIE BAY	21	69	27.5	135	49.6	75	08	16	75	08	16	?	?	?	?	HYPR			
MACKENZIE BAY	8	69	32.7	135	57.0	75	08	16	75	08	16	?	?	?	?	HYPR			
MACKENZIE BAY	9	69	37.4	135	54.2	75	08	16	75	08	16	?	?	?	?	HYPR			
MACKENZIE BAY	71	69	18.5	136	09.0	75	08	18	75	08	18	?	?	?	?	HYPR			
MACKENZIE BAY	2	69	48.8	133	58.2	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	60	69	44.9	133	40.2	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	73	69	40.4	133	20.3	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	74	69	35.7	133	09.5	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	75	69	31.5	133	06.5	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	76	69	27.8	133	18.4	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	77	69	33.9	133	30.3	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	79	69	40.3	133	51.0	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	80	69	42.7	134	08.3	75	08	20	75	08	20	?	?	?	?	HYPR			
MACKENZIE BAY	26	69	44.7	134	21.3	75	08	20	75	08	20	?	?	?	?	HYPR			

CURRENT METER DATA SET NUMBER: 75-0007
YEAR:1975 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BEAUFORT SEA	3	69	55.30	139	23.30	75	08	07	76	02	13	191	30	50	53	AAND		X	X
BEAUFORT SEA	5	70	24.09	136	45.69	75	04	29	75	08	02	96	30	64	67	AAND		X	X
BEAUFORT SEA	5	70	23.10	136	45.69	75	08	03	75	09	10	39	30	64	67	AAND		X	X
BEAUFORT SEA	8	71	12.89	131	19.89	75	04	26	75	08	04	101	30	74	77	AAND		X	X
BEAUFORT SEA	9	70	43.69	131	14.69	75	04	26	75	08	05	102	30	42	45	AAND		X	
BEAUFORT SEA	10	71	18.59	128	54.50	75	04	25	75	08	04	102	30	53	56	AAND		X	X
BEAUFORT SEA	11	71	00.20	128	43.39	75	04	25	75	08	04	102	30	39	41	AAND			X
BEAUFORT SEA	13	70	07.90	134	19.89	75	04	26	75	07	29	95	30	30	33	AAND		X	X
BEAUFORT SEA	13	70	07.90	134	19.89	75	08	06	75	09	08	34	30	30	33	AAND		X	X
BEAUFORT SEA	15	70	17.29	133	35.29	75	04	28	75	08	05	100	30	51	54	AAND		X	X

CURRENT METER DATA SET NUMBER: 75-0011
YEAR:1975 VESSEL/AGENCY: SLANEY

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MC	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TAGLU-RICHARDS	1	69	22.4	134	53.1	75	06	10	75	06	10	?	?	?	?	HYPR	
TAGLU-RICHARDS	1	69	22.4	134	53.1	75	06	20	75	06	20	?	?	?	?	HYPR	
TAGLU-RICHARDS	1	69	22.4	134	53.1	75	09	27	75	09	27	?	?	?	?	HYPR	
TAGLU-RICHARDS	3a	69	23.2	134	50.6	75	09	27	75	09	27	?	?	?	?	HYPR	
TAGLU-RICHARDS	6	69	24.7	134	50.7	75	06	20	75	06	20	?	?	?	?	HYPR	
TAGLU-RICHARDS	6	69	24.7	134	50.7	75	09	27	75	09	27	?	?	?	?	HYPR	
TAGLU-RICHARDS	7	69	24.6	134	49.5	75	06	20	75	06	20	?	?	?	?	HYPR	
TAGLU-RICHARDS	7	69	24.6	134	49.5	75	09	27	75	09	27	?	?	?	?	HYPR	
TAGLU-RICHARDS	8	69	24.5	134	47.0	75	06	20	75	06	20	?	?	?	?	HYPR	
TAGLU-RICHARDS	9	69	23.0	134	51.1	75	06	20	75	06	20	?	?	?	?	HYPR	
TAGLU-RICHARDS	9	69	23.0	134	51.1	75	09	27	75	09	27	?	?	?	?	HYPR	
TAGLU-RICHARDS	12	69	21.4	134	56.6	75	04	09	75	04	09	?	?	?	?	HYPR	
TAGLU-RICHARDS	12	69	21.4	134	56.6	75	06	10	75	06	10	?	?	?	?	HYPR	
TAGLU-RICHARDS	12	69	21.4	134	56.6	75	09	27	75	09	27	?	?	?	?	HYPR	
TAGLU-RICHARDS	13	69	21.7	134	56.0	75	06	10	75	06	40	?	?	?	?	HYPR	
TAGLU-RICHARDS	13	69	21.7	134	56.0	75	09	27	75	09	27	?	?	?	?	HYPR	
TAGLU-RICHARDS	14	69	22.0	134	56.0	75	06	10	75	06	10	?	?	?	?	HYPR	
TAGLU-RICHARDS	14	69	22.0	134	56.0	75	09	28	75	09	28	?	?	?	?	HYPR	
TAGLU-RICHARDS	15	69	22.0	134	56.6	75	06	10	75	06	10	?	?	?	?	HYPR	
TAGLU-RICHARDS	15	69	22.0	134	56.6	75	09	28	75	09	28	?	?	?	?	HYPR	
TAGLU-RICHARDS	18	69	22.0	134	57.2	75	06	10	75	06	10	?	?	?	?	HYPR	
TAGLU-RICHARDS	18	69	22.0	134	57.2	75	09	28	75	09	28	?	?	?	?	HYPR	
TAGLU-RICHARDS	19	69	22.5	134	58.8	75	04	10	75	04	10	?	?	?	?	HYPR	
TAGLU-RICHARDS	19	69	22.5	134	58.8	75	06	08	75	06	08	?	?	?	?	HYPR	
TAGLU-RICHARDS	19	69	22.5	134	58.8	75	09	27	75	09	27	?	?	?	?	HYPR	

CURRENT METER DATA SET NUMBER: 76-0001
YEAR:1976 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUK. SHELF	KPN	70	22.92	135	05.57	76	08	17	76	09	23	14	60	3	57	HYPR	
TUK. SHELF	KPN	70	22.92	135	05.57	76	09	04	76	09	27	20	60	8	57	CUSH	
TUK. SHELF	KPN	70	23.02	135	05.57	76	08	29	76	09	25	10	60	54	57	HYPR	
TUK. SHELF	TNG	70	10.59	132	58.92	76	08	22	76	10	13	45	60	8	28	CUSH	
TUK. SHELF	TNG	70	10.59	132	58.92	76	08	22	76	10	13	51	60	26	28	HYPR	

CURRENT METER DATA SET NUMBER: 76-0003
YEAR:1976 VESSEL/AGENCY: SLANEY

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	07	29	76	07	29	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	07	30	76	07	30	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	07	31	76	07	31	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	08	05	76	08	05	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	08	06	76	08	06	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	08	10	76	08	10	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	08	11	76	08	11	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	08	20	76	08	20	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	08	24	76	08	24	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	08	27	76	08	27	?	?	?	?	HYPR	
KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	09	04	76	09	04	?	?	?	?	HYPR	

KUGMALLIT BAY	ARNAK	69	49.	133	45.	76	09	05	76	09	05	?	?	?	?	HYPR	
KUGMALLIT BAY	TUFT	69	42.	132	35.	76	07	17	76	07	17	?	?	?	?	HYPR	
KUGMALLIT BAY	TUFT	69	42.	132	35.	76	07	18	76	07	18	?	?	?	?	HYPR	
KUGMALLIT BAY	TUFT	69	42.	132	35.	76	07	19	76	07	19	?	?	?	?	HYPR	
KUGMALLIT BAY	TUFT	69	42.	132	35.	76	07	20	76	07	20	?	?	?	?	HYPR	
KUGMALLIT BAY	TUFT	69	42.	132	35.	76	09	02	76	09	02	?	?	?	?	HYPR	

CURRENT METER DATA SET NUMBER: 77-0004
YEAR: 1977 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
BEAUFORT SEA	NKT	70	28.58	136	16.85	77	08	04	77	08	26	16	60	3	64	CUSH	
BEAUFORT SEA	NKT	70	28.58	136	16.85	77	08	31	77	10	12	30	60	10	64	HYPR	
BEAUFORT SEA	NKT	70	28.58	136	16.85	77	07	31	77	10	12	70	60	62	64	HYPR	
BEAUFORT SEA	KPN	70	22.92	135	05.57	77	09	11	77	09	27	7	60	3	57	CUSH	
BEAUFORT SEA	KPN	70	22.92	135	05.57	77	07	28	77	09	28	61	60	10	57	HYPR	
BEAUFORT SEA	KPN	70	22.92	135	05.57	77	08	04	77	09	30	57	60	50	57	HYPR	
BEAUFORT SEA	UKL	70	09.07	132	43.13	77	08	02	77	09	07	33	60	3	29	CUSH	
BEAUFORT SEA	UKL	70	09.07	132	43.13	77	07	22	77	10	02	67	60	10	29	HYPR	
BEAUFORT SEA	KGL	70	34.06	130	51.22	77	07	26	77	07	28	2	60	3	27	CUSH	
BEAUFORT SEA	KGL	70	34.06	130	51.22	77	07	26	77	07	28	2	60	24	27	HYPR	
BEAUFORT SEA	NRL	70	27.6	133	25.1	77	10	11	77	10	19	9	?	10	47	?	

CURRENT METER DATA SET NUMBER: 77-0009A
YEAR: 1977 VESSEL/AGENCY: IMPERIAL IMMERK

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUK. SHELF	022-1	69	56.6	133	21.2	77	07	28	77	07	28	?	?	?	?	HYPR	
TUK. SHELF	022-2	69	56.6	133	21.1	77	07	31	77	07	31	?	?	?	?	HYPR	
TUK. SHELF	022-3	69	57.4	133	20.2	77	07	27	77	07	27	?	?	?	?	HYPR	
TUK. SHELF	022-4	70	00.4	133	16.7	77	07	31	77	07	31	?	?	?	?	HYPR	
TUK. SHELF	112-1	69	56.3	133	21.0	77	07	28	77	07	28	?	?	?	?	HYPR	
TUK. SHELF	112-2	69	56.3	133	20.7	77	07	27	77	07	27	?	?	?	?	HYPR	
TUK. SHELF	112-3	69	56.0	133	18.5	77	07	26	77	07	26	?	?	?	?	HYPR	
TUK. SHELF	112-4	69	54.8	133	09.7	77	07	27	77	07	27	?	?	?	?	HYPR	
TUK. SHELF	202-1	69	56.3	133	21.6	77	07	31	77	07	31	?	?	?	?	HYPR	
TUK. SHELF	202-2	69	56.2	133	21.7	77	07	30	77	07	30	?	?	?	?	HYPR	
TUK. SHELF	202-3	69	55.4	133	22.6	77	07	28	77	07	28	?	?	?	?	HYPR	
TUK. SHELF	202-4	69	52.4	133	26.1	77	07	30	77	07	30	?	?	?	?	HYPR	
TUK. SHELF	292-1	69	56.5	133	21.8	77	07	30	77	07	30	?	?	?	?	HYPR	
TUK. SHELF	292-2	69	56.5	133	22.1	77	07	30	77	07	30	?	?	?	?	HYPR	
TUK. SHELF	292-3	69	56.8	133	24.3	77	07	29	77	07	29	?	?	?	?	HYPR	
TUK. SHELF	022-3	69	57.4	133	20.2	77	08	29	77	08	29	?	?	?	?	HYPR	
TUK. SHELF	022-4	70	00.4	133	16.7	77	08	29	77	08	29	?	?	?	?	HYPR	
TUK. SHELF	112-1	69	56.3	133	21.0	77	08	29	77	08	29	?	?	?	?	HYPR	
TUK. SHELF	112-2	69	56.3	133	20.7	77	08	29	77	08	29	?	?	?	?	HYPR	
TUK. SHELF	112-3	69	56.0	133	18.5	77	08	26	77	08	26	?	?	?	?	HYPR	
TUK. SHELF	112-4	69	54.8	133	09.7	77	08	29	77	08	29	?	?	?	?	HYPR	
TUK. SHELF	202-1	69	56.3	133	21.6	77	08	25	77	08	25	?	?	?	?	HYPR	
TUK. SHELF	202-2	69	56.2	133	21.7	77	08	29	77	08	29	?	?	?	?	HYPR	
TUK. SHELF	202-3	69	55.4	133	22.6	77	08	29	77	08	29	?	?	?	?	HYPR	
TUK. SHELF	202-4	69	52.4	133	26.1	77	08	26	77	08	26	?	?	?	?	HYPR	
TUK. SHELF	292-1	69	56.5	133	21.8	77	08	25	77	08	25	?	?	?	?	HYPR	
TUK. SHELF	292-2	69	56.5	133	22.1	77	08	26	77	08	26	?	?	?	?	HYPR	
TUK. SHELF	292-3	69	56.8	133	24.3	77	08	26	77	08	26	?	?	?	?	HYPR	
TUK. SHELF	292-4	69	58.0	133	33.1	77	08	28	77	08	28	?	?	?	?	HYPR	

CURRENT METER DATA SET NUMBER: 78-0001
YEAR: 1978 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BEAUFORT SEA	NTK	69	45.56	139	44.57	78	07	16	78	08	03	14	60	12	34	HYPR			
BEAUFORT SEA	KPN	70	22.92	135	05.57	78	07	24	78	09	23	51	60	12	57	HYPR			
BEAUFORT SEA	TRT	69	55.00	136	20.20	78	08	21	78	09	01	11	60	12	23	HYPR			
BEAUFORT SEA	NRL	70	27.78	133	29.73	78	08	08	78	08	10	3	60	12	47	HYPR			
BEAUFORT SEA	UKL	70	09.08	132	43.80	78	07	15	78	09	25	70	60	12	29	HYPR			
BEAUFORT SEA	KGL	70	34.11	130	51.32	78	07	19	78	08	05	7	60	12	27	HYPR			

CURRENT METER DATA SET NUMBER: 79-0003
YEAR: 1979 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BEAUFORT SEA	NTK	69	45.35	139	44.57	79	08	21	79	10	07	30	60	12	34	M-M			
BEAUFORT SEA	KPN	70	22.92	135	05.57	79	08	11	79	09	10	27	60	12	57	HYPR			
BEAUFORT SEA	KPN	70	23.71	135	12.04	79	10	13	79	10	18	6	60	12	58	HYPR			
BEAUFORT SEA	KNK	70	43.61	133	58.11	79	09	14	79	10	14	1	60	12	68	HYPR			
BEAUFORT SEA	TRT	69	54.14	136	20.34	79	07	15	79	10	15	52	60	12	23	HYPR			
BEAUFORT SEA	NRL	70	27.78	133	29.73	79	07	14	79	10	18	52	60	12	52	HYPR			
BEAUFORT SEA	UKL	70	09.08	132	43.80	79	07	25	79	08	04	10	60	12	29	HYPR			

CURRENT METER DATA SET NUMBER: 79-0004
YEAR: 1979 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BEAUFORT SEA	CMB	70	49.10	131	01.79	79	11	27	79	11	30	4	1	20	48	AAND			
BEAUFORT SEA	CMB	70	55.80	130	33.00	79	12	01	79	12	05	5	1	20	48	AAND			
BEAUFORT SEA	CMB	70	36.39	132	23.39	79	12	06	79	12	10	5	1	20	48	AAND			
BEAUFORT SEA	CMB	70	30.20	130	47.50	79	12	15	79	12	23	9	1	20	48	AAND			

CURRENT METER DATA SET NUMBER: 79-0026
YEAR: 1979 VESSEL/AGENCY: DOME

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
MCKINLEY BAY		70	02.5	131	13.4	79	12	09	79	12	19	?	10	2.1	24	RCM4		X	X
MCKINLEY BAY		70	02.5	131	13.4	79	12	09	79	12	19	?	10	7.6	24	RCM4		X	X
MCKINLEY BAY		70	02.5	131	13.4	79	12	09	79	12	19	?	10	13.7	24	RCM4		X	X

CURRENT METER DATA SET NUMBER: 80-0002
YEAR: 1980 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
TUK. SHELF	KENAL	70	43.6	133	58.1	80	08	02	80	09	06	28	60	12	?	HYPR			
TUK. SHELF	KILAN	70	51.6	129	16.8	80	09	15	80	09	18	4	60	12	?	HYPR			
TUK. SHELF	KOAKO	70	20.4	134	10.8	80	07	16	80	09	17	50	60	12	?	HYPR			
TUK. SHELF	KOPAN	70	22.9	135	05.6	80	07	14	80	09	19	65	60	12	?	HYPR			
TUK. SHELF	ORVIL	70	20.4	136	39.0	80	08	01	80	08	26	26	60	12	?	HYPR			
TUK. SHELF	ORVIL	70	20.4	136	39.0	80	09	01	80	09	09	9	60	12	?	M-M			

CURRENT METER DATA SET NUMBER: 80-0016A
YEAR: 1980 VESSEL/AGENCY: DOME

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
MCKINLEY BAY		70	02.5	131	13.4	80	04	06	80	04	12	?	10	2.7	?	RCM4		X	X
MCKINLEY BAY		70	02.5	131	13.4	80	04	06	80	04	12	?	10	7.0	?	RCM4		X	X
MCKINLEY BAY		70	02.5	131	13.4	80	04	06	80	04	12	?	10	15.0	?	RCM4		X	X

CURRENT METER DATA SET NUMBER: 80-0016B
YEAR: 1980 VESSEL/AGENCY: DOME

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
MCKINLEY BAY		70	02.5	131	13.4	80	05	01	80	05	03	?	1	2.8	?	RCM4		X	X
MCKINLEY BAY		70	02.5	131	13.4	80	05	01	80	05	03	?	10	8.0	?	RCM4		X	X
MCKINLEY BAY		70	02.5	131	13.4	80	05	01	80	05	03	?	?	5.5	?	CUSH			
MCKINLEY BAY		70	02.5	131	13.4	80	05	01	80	05	03	?	?	5.5	?	CUSH			
MCKINLEY BAY		70	02.5	131	13.4	80	05	01	80	05	03	?	?	5.5	?	CUSH			

CURRENT METER DATA SET NUMBER: 81-0001
YEAR: 1981 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
BEAUFORT SEA	1	71	11.60	132	07.19	81	03	28	81	08	16	?	30	39	99	AAND	X	X	X
BEAUFORT SEA	1	71	11.60	132	07.19	81	03	28	81	08	16	?	30	94	99	AAND		X	X
BEAUFORT SEA	2	70	57.19	133	31.30	81	03	26	81	08	16	?	30	39	78	AAND	X	X	X
BEAUFORT SEA	2	70	57.19	133	31.30	81	03	26	81	08	16	?	30	73	78	AAND		X	X
BEAUFORT SEA	3	71	23.89	130	20.09	81	03	23	81	08	16	?	30	35	60	AAND	X	X	X
BEAUFORT SEA	3	71	23.89	130	20.09	81	03	23	81	08	16	?	30	55	60	AAND		X	X

CURRENT METER DATA SET NUMBER: 81-0002A
YEAR:1981 VESSEL/AGENCY: ASL

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BEAUFORT SEA	TRT	69	53.80	136	11.59	81	01	18	81	08	04	?	30	19	25	AAND	X	X	X
BEAUFORT SEA	UVK	70	15.60	132	18.69	81	01	19	81	08	04	?	30	19	25	AAND	X	X	X

CURRENT METER DATA SET NUMBER: 81-0002B
YEAR:1981 VESSEL/AGENCY: ASL

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. SHELF	TRT	69	57.6	136	12.0	81	08	11	82	09	24	408	60	27	30	AAND	X	X	X

CURRENT METER DATA SET NUMBER: 81-0002C
YEAR:1981 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. SHELF	IRKAL	70	34.13	134	10.58	81	09	?	81	10	?	?	?	12	?	?			
TUK. SHELF	IRKAL	70	34.13	134	10.58	81	09	?	81	10	?	?	?	25	?	?			
TUK. SHELF	ISSUN	70	01.	134	19.	81	07	?	81	10	?	?	?	12	?	?			
TUK. SHELF	ISSUN	70	01.	134	19.	81	07	?	81	10	?	?	?	25	?	?			
TUK. SHELF	KOAKO	70	20.	134	11.	81	07	?	81	10	?	?	?	12	?	?			
TUK. SHELF	KOAKO	70	20.	134	11.	81	07	?	81	10	?	?	?	25	?	?			
TUK. SHELF	KOPAN	70	23.	135	06.	81	07	?	81	10	?	?	?	12	?	?			
TUK. SHELF	KOPAN	70	23.	135	06.	81	07	?	81	10	?	?	?	23	?	?			
TUK. SHELF	KENAL	70	43.73	133	58.47	81	09	05	81	09	?	?	?	12	?	ACM2		X	
TUK. SHELF	KILAN	70	51.	129	17.	81	07	?	81	09	?	?	?	13	?	?			
TUK. SHELF	KILAN	70	51.	129	17.	81	07	?	81	09	?	?	?	18	?	?			

CURRENT METER DATA SET NUMBER: 81-0016
YEAR:1981 VESSEL/AGENCY: ARCTIC SC.LTD.

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BEAUFORT SEA	A	69	59.03	134	21.00	81	08	08	81	09	20	43	5	15	16	AAND	X	X	
BEAUFORT SEA	B	69	55.03	132	42.00	81	08	08	81	09	20	43	5	11	12	AAND	X	X	
BEAUFORT SEA	C	69	48.33	131	59.82	81	08	08	81	09	26	49	30	7	8	ENDE			
BEAUFORT SEA	C	69	48.33	131	59.82	81	08	08	81	08	16	8	?	5	8	DOWS			

CURRENT METER DATA SET NUMBER: 82-0117
YEAR:1982 VESSEL/AGENCY: ASL

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. SHELF	1	69	59.0	134	20.0	82	08	05	82	09	05	4	2	7	16	DOWS	X	X	
TUK. SHELF	2	69	56.4	134	23.2	82	08	05	82	09	14	40	1	6	7	NB		X	
TUK. SHELF	3	69	46.0	136	03.0	82	08	06	82	09	05	14	2	4.5	13.5	DOWS		X	
TUK. SHELF	3	69	46.0	136	03.0	82	08	05	82	09	25	51	30	11	13	ENDE		X	

CURRENT METER DATA SET NUMBER: 82-0118
YEAR:1982 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. SHELF	ORVIL	70	22.82	136	30.90	82	09	01	82	?	?	?	60	?	?	ACM2		X	
TUK. SHELF	NERLK	70	27.80	133	29.73	82	07	22	82	?	?	?	60	?	?	AAND		X	
TUK. SHELF	KENAL	70	43.73	133	58.47	82	07	22	82	?	?	?	60	?	?	AAND		X	
TUK. SHELF	KIGGA	69	52.30	133	55.30	82	07	30	82	?	?	?	60	?	?	AAND		X	
TUK. SHELF	TARSI	69	57.6	135	51.3	82	?	?	82	?	?	?	?	15	20	AAND			

CURRENT METER DATA SET NUMBER: 83-0067
YEAR:1983 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. SHELF	KADLK	69	45.03	136	06.08	83	08	06	83	09	07	?	2	6	12	ACM2		X	
TUK. SHELF	KADLK	69	44.88	136	06.10	83	07	30	83	09	09	?	2	9	12	ACM2		X	

CURRENT METER DATA SET NUMBER: 83-0069
YEAR:1983 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BEAUFORT SEA	SIULK	70	24.63	134	30.67	83	08	02	83	?	?	?	60	?	?	ACM2		X	
BEAUFORT SEA	ARLUK	70	19.38	135	26.53	83	08	18	83	?	?	?	60	?	?	ACM2		X	
BEAUFORT SEA	UVILK	70	15.80	132	18.75	83	10	11	83	?	?	?	60	?	?	ACM2		X	
BEAUFORT SEA	NERLK	70	26.02	133	19.47	83	07	25	83	?	?	?	60	?	?	ACM2		X	

CURRENT METER DATA SET NUMBER: 84-0029
YEAR:1984 VESSEL/AGENCY: ASL

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. SHELF	AMERK	69	56.97	133	30.42	84	07	31	84	09	26	57	15	7.1	20.5	NB			
TUK. SHELF	AMERK	69	57.08	133	30.53	84	07	24	84	09	27	65	30	19.5	22.5	ENDE			
TUK. SHELF	NIPTK	69	50.07	133	26.55	84	08	05	84	09	26	53	15	7.0	14.6	NB			
TUK. SHELF	NIPTK	69	49.93	135	26.58	84	07	23	84	09	26	65	30	11.0	14.3	ENDE			

CURRENT METER DATA SET NUMBER: 84-0045
YEAR:1984 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. SHELF	AKAUL	70	03.5	133	42.75	84	08	08	84	09	18	32	?	5.	?	ACM2	X		

CURRENT METER DATA SET NUMBER: 84-0048
YEAR:1984 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BEAUFORT SEA	NATIA	70	03.95	137	13.12	84	09	15	84	?	?	?	60	?	?	AAND		X	
BEAUFORT SEA	SIULK	70	24.63	134	30.67	84	08	03	84	?	?	?	60	?	?	AAND		X	
BEAUFORT SEA	ARLUK	70	19.38	135	26.52	84	08	03	84	?	?	?	60	?	?	ACM2		X	
BEAUFORT SEA	AIVRK	70	24.73	133	42.33	84	08	03	84	?	?	?	60	?	?	ACM2		X	
BEAUFORT SEA	HAVIK	70	20.18	132	13.08	84	07	13	84	?	?	?	60	?	?	ACM2		X	
BEAUFORT SEA	UVILK	70	15.77	132	18.68	84	01	01	84	?	?	?	60	?	?	ACM2		X	

CURRENT METER DATA SET NUMBER: 84-0049
YEAR:1984 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
M'CLURE STRAIT	B07	74	24.8	123	53.1	84	04	11	85	05	02	?	60	36	?	AAND		X	X
M'CLURE STRAIT	B07	74	24.8	123	53.1	84	04	11	85	05	02	?	60	96	?	AAND		X	X
HERSCHEL CAN.	H01	70	01.7	138	33.8	84	03	27	85	08	17	?	60	252	?	AAND		X	X
HERSCHEL CAN.	H01	70	01.7	138	33.8	84	03	27	85	08	17	?	60	274	?	AAND		X	X
HERSCHEL CAN.	H02	69	57.9	137	49.0	84	03	27	85	08	17	?	60	102	?	AAND		X	X

CURRENT METER DATA SET NUMBER: 85-0029
YEAR:1985 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
TUK. SHELF	ARNAK	69	48.1	133	50.0	85	08	27	85	10	03	0	30	6	7.6	AAND	X	X	X
TUK. SHELF	ARNAK	69	48.1	133	49.9	85	08	27	85	10	03	38	1	4.8	7.6	OSS4	X	X	X
TUK. SHELF	NIPT	69	48.8	135	25.5	85	08	25	85	10	14	51	30	7.8	12.2	AAND	X	X	X
TUK. SHELF	NIPT	69	48.8	135	25.5	85	08	25	85	10	14	51	3	9.6	12.2	ACM2	X	X	X

CURRENT METER DATA SET NUMBER: 85-0030
YEAR:1985 VESSEL/AGENCY: DOBROCKY

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
KING POINT		69	06.	137	57.	85	08	27	85	09	14	?	?	2.2	2.7	621	X		
KING POINT		69	06.	137	57.	85	08	29	85	09	11	?	?	4.1	5.6	635	X		
KING POINT		69	06.	137	57.	85	08	30	85	09	06	?	?	?	5	AAND	X		
KING POINT		69	06.	137	57.	85	08	30	85	09	06	?	?	?	10	AAND	X		
KING POINT		69	06.	137	57.	85	08	30	85	09	06	?	?	?	15	AAND	X		

CURRENT METER DATA SET NUMBER: 85-0032
YEAR:1985 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
BEAUFORT SEA	1	70	10.5	140	41.2	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	2	70	16.7	140	33.6	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	3	70	12.8	135	34.1	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	4	70	34.9	135	58.3	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	5	70	36.8	136	04.5	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	6	70	42.9	133	07.0	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	7	70	58.9	133	22.1	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	8	71	03.3	133	31.8	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	9	71	10.2	133	41.2	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	10	71	22.8	133	53.2	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	11	71	41.3	134	18.5	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	12	71	11.5	130	23.1	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	13	71	18.8	130	42.0	85	03	?	86	04	?	?	?	?	?	AAND		X	X
BEAUFORT SEA	14	71	22.1	130	53.5	85	03	?	86	04	?	?	?	?	?	AAND		X	X

CURRENT METER DATA SET NUMBER: 85-0033
YEAR:1985 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
BEAUFORT SEA	ADLAR	69	38.87	137	45.47	85	08	21	85	09	22	33	60	?	68	ACM2		X	

CURRENT METER DATA SET NUMBER: 85-0037
YEAR:1985 VESSEL/AGENCY: GULF

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUK. SHELF	AMAUL	70 04.	140 15.	85 09 06	85 ? ?	?	?	27	32	?	

CURRENT METER DATA SET NUMBER: 86-0003
YEAR:1986 VESSEL/AGENCY: IOS

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
BEAUFORT SEA	4	69 55.2	133 23.2	86 09 10	86 09 15	5	?	?	21	AAND	

CURRENT METER DATA SET NUMBER: 86-0009
YEAR:1986 VESSEL/AGENCY: SEACONSULT

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
MACKENZIE BAY	T1-1	69 44.49	134 36.41	86 08 17	86 09 24	?	15	9.5	10.	635	X

CURRENT METER DATA SET NUMBER: 86-0011
YEAR:1986 VESSEL/AGENCY: IOS

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
AMUNDSEN GULF		69 15.	117 20.	86 04 ?	86 08 ?	?	?	?	?	?	

11.3 WATER-LEVEL DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; generally as assigned by the originating agency.
LAT, LONG	In degrees and minutes.
START/STOP	Year, month and day instrument recorded over.
EFF LEN	Effective record length in days.
DT (MN)	Sampling rate in minutes. A zero value implies continuous sampling.
DEPTHS-INSTR/WATER	Instrument and water depth, in metres.
INSTR TYPE	Instrument type: AAND - Aanderaa AM12 - Applied Microsystems Ltd. 12A AML - Applied Microsystems Ltd. BASS - Bass Engineering optical lever FOXB - Foxboro HWK - HWK float LEGE - Lege LEOP - Leopold Stevens LEWI - Lewis Guage (IOS) MECH - shore-based gauge, temporary or permanent OTT - Ott gauge, either float or potentiometric OTTB - Ottboro RICH - Richard SDAT - SeaData bottom wave and/or water level sensor STAF - Tide staff STEV - Stevens TG2A - Aanderaa TG2A TG3A - Aanderaa TG3A TG4A - Aanderaa TG4A UBC - Univ. of British Columbia gauge WLR5 - Aanderaa WLR5 750A - Applied Microsystems Ltd. 750A
ADDIT SENSOR	Parameters measured qualified by : X - measurements of this parameter were made

Blank entries indicate unavailable or inapplicable data.
? indicates information not in our data base, but often available from the reference cited in section 10.3.

In cases where water-level data have been collected intermittently or continuously over more than one year, one I.D. number has been used to represent the entire data set.

WATER LEVEL DATA SET NUMBER: 14-0002
YEAR:1914 VESSEL/AGENCY: CAN. ARCT C EXP.

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
BANKS ISLAND		71 58.	125 00.	14 12 26	15 01 30	35	?	0	?	STAF	

WATER LEVEL DATA SET NUMBER: 33-0004
YEAR:1933 VESSEL/AGENCY: CHS

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUKTOYAKTUK	6485	69 26.0	133 00.0	33 07 ?	33 08 ?	?	?	?	?	?	

WATER LEVEL DATA SET NUMBER: 51-0004
YEAR:1951 VESSEL/AGENCY: CHS

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
AMUNDSEN GULF	6350	69 21.00	124 04.00	51 08 17	51 10 13	57	60	?	?	MECH	

WATER LEVEL DATA SET NUMBER: 52-0004
YEAR:1952 VESSEL/AGENCY: CHS

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
AMUNDSEN GULF	6350	69 21.00	124 04.00	52 08 01	52 10 12	72	60	?	?	MECH	
TUKTOYAKTUK	6485	69 26.0	133 00.0	52 07 ?	52 09 ?	?	?	?	?	?	
HERSCHEL IS.	6525	69 34.0	138 55.0	52 08 ?	52 09 ?	?	?	?	?	?	

WATER LEVEL DATA SET NUMBER: 54-0001
YEAR:1954 VESSEL/AGENCY: CHS

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
AMUNDSEN GULF	6350	69 21.0	124 04.0	54 07 ?	54 10 ?	?	?	?	?	?	

WATER LEVEL DATA SET NUMBER: 55-0002
YEAR:1955 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
AMUNDSEN GULF	6340	69	48.58	122	39.40	55	07	25	55	08	19	26	60	?	?	MECH	

WATER LEVEL DATA SET NUMBER: 56-0004
YEAR:1956 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
TUKTOYAKTUK	6485	69	26.0	133	00.0	56	06	?	57	09	?	?	?	?	?	?	

WATER LEVEL DATA SET NUMBER: 59-0004
YEAR:1959 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
TUKTOYAKTUK	6485	69	26.0	133	00.0	59	09	?	60	12	?	?	?	?	?	?	

WATER LEVEL DATA SET NUMBER: 61-0002
YEAR:1961 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
TUKTOYAKTUK	6485	69	25.00	132	58.00	61	01	01	61	12	02	336	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	61	12	13	62	05	16	155	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	62	05	08	62	12	31	238	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	63	01	01	63	12	31	365	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	64	01	01	64	08	30	243	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	64	09	07	64	09	15	9	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	64	09	21	65	08	31	345	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	65	09	30	66	06	29	273	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	66	11	16	66	12	30	45	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	67	01	01	67	02	28	59	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	67	03	09	68	02	27	356	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	68	08	17	69	04	08	235	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	69	08	01	69	10	30	91	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	70	01	27	70	05	21	115	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	70	11	09	71	04	29	172	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	71	07	12	72	03	12	245	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	48.00	72	07	13	72	07	24	12	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	72	08	07	72	08	26	20	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	73	01	01	73	07	06	187	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	73	08	03	74	01	19	170	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	74	02	10	74	04	25	75	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	74	05	02	74	06	01	31	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	74	07	27	75	01	26	184	60	?	?	MECH	

TUKTOYAKTUK	6485	69	25.00	132	58.00	75	02	20	75	06	13	114	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	75	07	06	75	07	30	25	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	75	08	02	75	11	28	119	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	76	01	01	76	01	02	2	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	76	01	05	76	02	29	56	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	76	03	04	76	06	21	110	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	76	05	23	76	06	18	27	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	76	09	02	76	12	30	120	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	77	02	08	77	05	31	113	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	77	07	04	77	07	13	10	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	78	02	14	78	06	30	137	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	78	07	05	78	08	04	31	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	78	08	06	78	10	14	70	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	79	01	01	79	02	27	58	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	79	03	14	79	04	01	19	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	79	04	13	79	06	19	68	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	80	09	04	80	11	02	60	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	81	02	06	81	06	20	135	60	?	?	MECH	
TUKTOYAKTUK	6485	69	25.00	132	58.00	81	06	?	86	12	?	?	60	?	?	MECH	

WATER LEVEL DATA SET NUMBER: 63-0003
YEAR: 1963 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
MACKENZIE BAY	36525	68	39.0	134	05.0	63	07	?	64	08	?	?	?	?	?	?	
MACKENZIE BAY	36600	67	27.0	133	45.0	63	09	?	64	09	?	?	?	?	?	?	

WATER LEVEL DATA SET NUMBER: 64-0003
YEAR: 1964 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
MACKENZIE BAY	6498	69	29.00	135	40.00	64	07	06	64	09	01	56	60	?	?	MECH	

WATER LEVEL DATA SET NUMBER: 65-0001
YEAR: 1965 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
MACKENZIE BAY	6498	69	29.00	135	40.00	65	07	03	65	08	31	60	60	?	?	MECH	

WATER LEVEL DATA SET NUMBER: 66-0001
YEAR:1966 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
CAPE PARRY	6360	70	08.95	124	40.05	66	07	24	66	12	30	160	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	67	01	01	67	12	31	365	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	68	01	01	68	12	31	366	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	69	01	01	69	12	31	365	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	70	01	01	70	12	31	365	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	71	01	01	71	07	02	183	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	71	07	08	71	08	22	46	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	71	08	30	71	10	31	63	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	72	02	29	72	03	01	2	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	72	05	13	73	01	28	261	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	73	03	21	73	06	13	85	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	73	05	14	73	08	15	94	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	73	11	05	74	02	16	104	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	74	07	13	74	09	06	56	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	74	10	12	74	11	04	24	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	74	12	28	75	03	26	89	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	75	04	01	75	04	13	13	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	75	04	14	75	04	26	13	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	75	05	01	75	06	25	56	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	75	07	24	75	09	08	47	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	75	12	11	75	12	15	5	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	76	04	11	76	05	06	26	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	76	05	13	76	05	17	5	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	76	05	23	76	06	13	22	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	76	07	22	76	08	20	30	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	76	08	25	76	09	16	23	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	77	05	24	77	06	26	34	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	77	07	05	77	09	05	63	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	78	02	12	78	04	04	52	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	78	05	12	78	06	01	21	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	78	07	09	78	09	13	67	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	80	01	01	80	01	15	15	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	80	01	14	80	02	17	35	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	80	06	25	80	11	06	135	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	80	09	05	80	11	18	75	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	80	11	01	81	03	30	150	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	81	02	09	81	10	26	260	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	40.05	81	10	?	86	12	?	?	60	?	?	MECH			
CAPE PARRY	6360	70	08.95	124	49.94	77	09	13	77	10	12	30	60	?	?	MECH			

WATER LEVEL DATA SET NUMBER: 66-0002
YEAR:1966 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
MACKENZIE BAY	6498	69	29.00	135	40.00	66	07	05	66	08	24	51	60	?	?	MECH			

WATER LEVEL DATA SET NUMBER: 70-0004
YEAR:1970 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
AMUNDSEN GULF	6367	69	59.00	126	55.00	70	07	22	70	08	20	30	60	?	?	MECH			

MACKENZIE BAY	6495	69	41.00	134	50.00	70	07	11	70	09	01	51	60	?	?	MECH	
MACKENZIE BAY	6525	69	34.19	138	54.00	70	08	10	70	09	10	30	60	?	?	MECH	

WATER LEVEL DATA SET NUMBER: 71-0002
YEAR:1971 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		NST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
LIVERPOOL BAY	6457	69	32.0	131	06.0	71	07	?	72	09	?	?	?	?	?	?	
ESKIMO LAKES	6461	69	34.0	131	17.0	71	07	?	71	09	?	?	?	?	?	?	
ESKIMO LAKES	6462	69	34.0	131	24.0	71	07	?	71	08	?	?	?	?	?	?	
ESKIMO LAKES	6463	69	33.0	131	33.0	71	07	?	71	07	?	?	?	?	?	?	
MCKINLEY BAY	6476	69	57.00	131	28.00	71	07	05	72	09	02	58	60	?	?	MECH	

WATER LEVEL DATA SET NUMBER: 72-0009
YEAR:1972 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
SACHS HARBOUR	6424	71	58.00	125	15.00	72	01	01	72	06	27	179	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	72	11	09	73	01	08	61	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	73	01	12	73	05	02	111	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	73	05	23	73	05	24	2	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	73	05	27	73	06	15	20	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	73	07	07	74	06	21	350	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	74	07	07	74	12	29	176	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	01	07	75	02	02	27	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	02	09	75	03	21	41	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	03	24	75	05	16	54	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	05	20	75	05	25	6	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	06	06	75	09	19	106	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	10	10	75	11	07	29	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	11	10	75	11	28	19	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	12	03	76	02	08	68	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	75	12	03	76	02	08	68	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	76	02	13	76	02	18	6	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	76	02	20	76	03	20	30	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	76	03	28	76	04	06	10	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	76	05	04	76	07	25	83	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	76	05	11	76	05	31	21	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	76	09	06	76	11	22	78	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	76	11	25	76	12	19	25	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	77	03	21	77	04	05	16	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	77	04	10	77	05	03	24	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	77	05	17	77	06	06	21	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	77	07	05	77	08	10	37	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	77	08	23	77	09	03	12	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	77	09	13	77	10	12	30	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	78	01	01	78	06	10	161	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	79	01	22	79	02	10	20	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	79	02	13	79	02	23	11	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	79	03	14	79	07	07	116	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	79	07	09	79	09	06	60	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	79	09	16	79	09	24	9	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	80	01	31	80	03	13	42	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	80	03	27	80	09	22	180	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	80	06	09	80	06	21	12	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	80	06	30	80	11	01	125	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	80	09	05	80	12	03	90	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	80	12	09	81	02	04	57	60	?	?	MECH	
SACHS HARBOUR	6424	71	58.00	125	15.00	81	02	?	86	12	?	?	60	?	?	MECH	

WATER LEVEL DATA SET NUMBER: 72-0010
YEAR: 1972 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
AMUNDSEN GULF	6367	69	59.0	126	55.0	72	08	?	72	09	?	?	?	?	?	?			
LIVERPOOL BAY	6442	70	33.00	128	08.00	72	09	10	72	10	02	21	60	?	?	MECH			
LIVERPOOL BAY	6444	69	45.0	130	00.0	72	08	?	72	09	?	?	?	?	?	?			
LIVERPOOL BAY	6455	69	43.0	130	33.0	72	07	?	72	08	?	?	?	?	?	?			
LIVERPOOL BAY	6472	70	16.00	129	39.00	72	08	03	72	09	01	28	60	?	?	MECH			
TUK. PENINSULA	6476	69	57.00	131	28.00	72	08	07	72	08	10	4	60	?	?	MECH			
TUK. PENINSULA	6476	69	57.00	131	28.00	72	08	14	72	09	01	17	60	?	?	MECH			
MACKENZIE BAY	6497	69	37.00	135	22.00	72	07	25	72	08	18	25	60	?	?	MECH			

WATER LEVEL DATA SET NUMBER: 73-0004
YEAR: 1973 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
AMUNDSEN GULF	6338	69	37.00	120	47.00	73	08	16	73	09	10	26	60	?	?	MECH			
AMUNDSEN GULF	6340	69	48.58	122	39.40	73	07	25	73	09	09	47	60	?	?	MECH			
AMUNDSEN GULF	6385	70	02.27	117	19.29	73	07	15	73	07	31	17	60	?	?	MECH			
LIVERPOOL BAY	6445	70	31.00	128	21.00	73	07	01	73	07	29	30	60	?	?	MECH			
MACKENZIE BAY	6525	69	34.19	138	54.70	73	09	26	74	08	01	309	30	760	?	AAND		X	X
TUK. SHELF	13	70	07.67	134	19.98	73	10	30	74	04	27	?	?	?	?	?			

WATER LEVEL DATA SET NUMBER: 73-0019
YEAR: 1973 VESSEL/AGENCY: SLANEY

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
RICHARDS-TAGLU		69	22.	134	54.	73	05	30	73	10	06	130	?	?	?	RICH			

WATER LEVEL DATA SET NUMBER: 74-0005
YEAR: 1974 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. PENINSULA	4	69	41.91	137	09.20	74	05	08	74	06	23	45	30	41	43	AAND			
AMUNDSEN GULF	6442	70	33.0	128	08.0	74	07	?	74	09	?	?	?	?	?	?			
LIVERPOOL BAY	6445	70	31.00	128	21.00	74	06	30	74	07	29	30	60	?	?	MECH		X	X
	6472	70	16.0	129	39.0	74	07	?	74	08	?	?	?	?	?	?			
TUK. PENINSULA	6476	69	57.00	131	28.00	74	07	27	74	10	01	62	60	?	?	MECH			
MACKENZIE BAY	6492	69	32.29	135	06.00	74	08	28	74	09	30	29	60	?	?	MECH			
MACKENZIE BAY	6505	68	59.00	137	27.00	74	07	14	74	08	02	14	60	?	?	MECH			
MACKENZIE BAY	6505	68	59.00	137	27.00	74	08	02	74	08	24	17	60	?	?	MECH			
MACKENZIE BAY	6515	69	16.79	138	25.79	74	07	14	74	07	25	5	60	?	?	MECH			
MACKENZIE BAY	6515	69	16.79	138	25.79	74	08	06	74	09	09	28	60	?	?	MECH			
MACKENZIE BAY	6515	69	16.79	138	25.79	74	09	09	74	09	28	12	60	?	?	MECH			

MACKENZIE BAY	6525	69	34.19	138	54.40	74	08	02	74	11	16	106	30	?	?	LEWI

WATER LEVEL DATA SET NUMBER: 75-0007
YEAR: 1975 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF	5	70	24.09	136	45.69	75	04	29	75	08	03	95	15	65	67	AAND			
TUK. SHELF	5	70	24.09	136	45.69	75	08	03	75	09	19	38	15	65	67	AAND		X	
TUK. SHELF	8	71	12.89	131	19.89	75	04	26	75	08	04	100	15	75	77	AAND		X	
TUK. SHELF	9	70	43.69	131	14.69	75	04	26	75	08	05	101	15	43	45	AAND		X	
TUK. SHELF	10	71	18.59	128	54.50	75	04	25	75	08	05	101	30	54	56	AAND		X	
TUK. SHELF	11	71	00.20	128	43.39	75	04	25	75	08	05	101	15	40	41	AAND		X	
TUK. SHELF	13	70	07.90	134	19.89	75	08	06	75	09	09	33	15	31	33	UBC		X	
KUGMALLIT BAY	6488	69	25.19	133	52.00	75	07	31	76	05	04	269	60	?	?	AAND			
MACKENZIE BAY	6503	68	46.19	135	43.20	75	07	31	75	12	18	133	30	?	?	AAND			
MACKENZIE BAY	6525	69	34.19	138	54.40	75	07	13	75	09	07	47	10	?	?	LEWI			
DEMARCATION B.	6530	69	40.89	141	13.29	75	08	01	75	09	14	17	30	?	?	TG2A			

WATER LEVEL DATA SET NUMBER: 75-0008
YEAR: 1975 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. PENINSULA		69	26.00	133	02.00	75	07	15	75	09	17	65	60	?	?	MECH			
LIVERPOOL BAY	6445	70	31.30	128	21.19	75	09	01	75	09	18	12	60	?	?	MECH			
AMUNDSEN GULF	6447	70	14.30	127	38.49	75	07	22	75	09	14	53	60	?	?	MECH			
TUK. PENINSULA	6476	69	56.69	131	24.60	75	07	10	75	09	18	65	60	?	?	MECH			
MACKENZIE BAY	6498	69	29.0	135	40.0	75	07	?	77	09	?	?	?	?	?	?			
MACKENZIE BAY	6499	69	26.79	135	36.19	75	07	14	75	08	25	41	60	?	?	MECH			
MACKENZIE BAY	6515	69	16.79	138	25.79	75	06	23	75	07	15	12	60	?	?	MECH			
MACKENZIE BAY	6515	69	16.79	138	25.79	75	07	11	75	09	19	62	60	?	?	MECH			

WATER LEVEL DATA SET NUMBER: 75-0011
YEAR: 1975 VESSEL/AGENCY: SLANEY

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TAGLU-RICHARDS	TAGLU	69	22.2	134	54.8	75	05	22	75	09	28	172	0	0	?	STEV			

WATER LEVEL DATA SET NUMBER: 75-0042
YEAR: 1975 VESSEL/AGENCY: AQUATIC ENV

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
MACKENZIE DELT	CAMP1	68	46.8	136	00.0	75	07	01	75	09	22	84	?	0	?	STAF			
MACKENZIE DELT	CAMP2	69	04.9	134	49.5	75	07	02	75	09	22	83	?	0	?	STAF			

WATER LEVEL DATA SET NUMBER: 76-0002
YEAR: 1976 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
AMUNDSEN GULF	6315	68	54.00	116	51.00	76	07	30	76	09	09	42	15	?	?	TG3A	X		
BANKS ISLAND	6420	71	32.00	123	47.00	76	07	31	76	09	10	40	15	?	?	TG1A	X		
BANKS ISLAND	6436	72	37.00	125	09.00	76	07	31	76	09	10	40	30	?	?	TG1A	X		
LIVERPOOL BAY	6445	70	31.00	128	31.00	76	07	31	76	08	27	28	60	?	?	MECH			
ESKIMO LAKES	6457	69	32.00	131	06.00	76	07	10	76	09	06	59	60	?	?	MECH			
ESKIMO LAKES	6464	69	23.00	132	03.00	76	07	10	76	09	06	59	60	?	?	MECH			
ESKIMO LAKES	6466	69	08.00	132	28.00	76	07	10	76	09	06	59	60	?	?	MECH			
ESKIMO LAKES	6468	68	57.00	132	54.00	76	07	10	76	09	06	59	60	?	?	MECH			
KUGMALLIT BAY	6484	69	26.00	133	02.00	76	07	15	76	09	09	57	60	?	?	MECH			
TUKTOYAKTUK	6485	69	27.0	133	00.0	76	08	25	76	?	?	?	30	?	?	TG2A	X		
MACKENZIE BAY	6489	69	17.00	134	07.00	76	07	19	76	09	09	53	60	?	?	MECH			
MACKENZIE BAY	6490	69	00.00	134	40.00	76	07	19	76	09	09	53	60	?	?	MECH			
MACKENZIE BAY	6491	69	13.00	135	06.00	76	07	19	76	09	09	53	60	?	?	MECH			
MACKENZIE BAY	6499	69	26.00	135	36.00	76	07	07	76	09	02	58	60	?	?	MECH			

WATER LEVEL DATA SET NUMBER: 77-0005
YEAR: 1977 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
KUGMALLIT BAY		69	26.00	133	02.00	77	07	31	77	09	10	42	60	?	?	MECH			
LIVERPOOL BAY	6445	70	31.00	128	31.00	77	07	24	77	09	08	47	60	?	?	MECH			
MACKENZIE BAY	6499	69	26.00	135	36.00	77	07	05	77	09	08	66	60	?	?	MECH			
AMUNDSEN GULF	6315	68	54.0	116	51.0	77	07	26	77	09	09	?	30	?	?	TG1A	X		
CAPE PARRY	6330	70	08.9	124	40.3	77	07	27	78	07	24	?	30	?	?	TG2A	X		
TUKTOYAKTUK	6485	69	27.2	133	00.0	77	09	13	78	09	04	?	30	?	?	TG2A	X		

WATER LEVEL DATA SET NUMBER: 78-0114
YEAR: 1978 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
CAPE PARRY	6330	70	08.9	124	40.3	78	07	24	78	08	30	?	30	?	?	TG2A	X		

WATER LEVEL DATA SET NUMBER: 79-0016
YEAR: 1979 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
CAPE PARRY	6330	70	08.9	124	40.3	79	08	24	80	08	04	?	30	?	?	TG2A	X		

WATER LEVEL DATA SET NUMBER: 80-0011B
YEAR:1980 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
CAPE PARRY	6330	70	08.9	124	40.3	80	08	04	81	07	27	?	30	?	?	TG2A	X		

WATER LEVEL DATA SET NUMBER: 81-0017
YEAR:1981 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
LIVERPOOL BAY	6443	70	31.0	128	21.0	81	07	20	81	11	14	117	60	?	?	AAND			
LIVERPOOL BAY	6472	70	16.0	129	39.0	81	07	23	81	11	12	112	60	?	?	AAND			
TUK. PENINSULA	6476	69	57.0	131	28.0	81	07	18	81	09	10	55	60	?	?	AAND			
TUK. PENINSULA	6476	69	57.0	131	28.0	81	08	10	81	10	16	67	60	?	?	AAND			
MACKENZIE BAY	6499	69	27.0	135	36.0	81	07	17	81	11	06	112	60	?	?	AAND			
CAPE PARRY	6330	70	08.9	124	40.3	81	07	27	82	09	20	?	30	?	?	TG3A	X	X	

WATER LEVEL DATA SET NUMBER: 82-0004
YEAR:1982 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
AMUNDSEN GULF	6410	71	26.0	121	32.0	82	03	29	82	05	02	?	15	?	?	TG3A	X	X	
PR. WALES STR.	6405	72	15.0	120	09.0	82	03	29	82	05	01	?	15	?	?	AML	X	X	
AMUNDSEN GULF	6395	71	37.0	117	52.0	82	03	30	82	05	?	?	15	?	?	TG2A	X		
AMUNDSEN GULF	6380	70	44.0	117	45.0	82	03	28	82	05	01	?	15	?	?	TG3A	X	X	
AMUNDSEN GULF		70	41.8	114	16.3	82	03	31	82	05	02	?	15	?	?	AML	X	X	
AMUNDSEN GULF	6372	69	38.0	117	00.0	82	03	31	82	05	02	?	15	?	?	TG5A	X		

WATER LEVEL DATA SET NUMBER: 82-0006
YEAR:1982 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
CAPE PARRY	6361	70	06.	124	41.	82	09	20	83	08	?	?	30	?	?	AML	X	X	
SACHS HARBOUR	6424	71	58.	125	15.	82	09	21	83	08	04	?	30	?	?	TG3A	X	X	
TUKTOYAKTUK	6485	69	27.	133	01.	82	08	28	83	06	09	?	30	?	?	AML	X	X	

WATER LEVEL DATA SET NUMBER: 83-0017B
YEAR:1983 VESSEL/AGENCY: CHS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
TUKTOYAKTUK	6485	69	27.2	133	00.0	83	02	18	84	07	21	?	30	?	?	AAND	X	X	
CAPE PARRY	6360	70	09.0	124	40.5	83	08	05	84	08	06	?	30	?	?	TG3A	X	X	

WATER LEVEL DATA SET NUMBER: 84-0045
YEAR:1984 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
TUK. SHELF	AMAUL	70	03.5	133	42.75	84	08	08	84	09	18	32	?	?	?	WLR5	X		

WATER LEVEL DATA SET NUMBER: 84-0046
YEAR:1984 VESSEL/AGENCY: ASL

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
TUK. SHELF	NIPTK	69	49.85	135	25.53	84	07	23	84	09	26	65	15	14.8	14.8	SDAT	X		

WATER LEVEL DATA SET NUMBER: 85-0029
YEAR:1985 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
TUK. SHELF	ADGO	69	28.84	135	52.14	85	08	15	85	09	27	44	15	2.7	2.7	SDAT		X	
MACKENZIE DEL.	TAGLU	69	22.0	134	57.2	85	05	09	85	10	14	?	10	?	10	WLR5		X	

WATER LEVEL DATA SET NUMBER: 85-0032
YEAR:1985 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
BEAUFORT SEA	NP020	69	30.6	138	58.9	85	03	?	86	04	?	377	?	15	15	AAND	X	X	
BEAUFORT SEA	NC020	70	17.8	129	35.5	85	03	?	86	04	?	388	?	14	14	AAND	X	X	
BEAUFORT SEA	NC180	71	18.8	130	42.0	85	03	?	86	04	?	387	?	221	221	TG5A		X	
BEAUFORT SEA	NP050	70	10.5	140	41.2	85	03	?	86	04	?	262	?	46	46	AAND		X	
BEAUFORT SEA	KC050	70	42.9	133	07.0	85	03	?	86	04	?	265	?	54	54	AAND		X	

WATER LEVEL DATA SET NUMBER: 86-0009
YEAR:1986 VESSEL/AGENCY: SEACONSULT

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
MACKENZIE BAY	T1-1	69	44.49	134	36.41	86	08	17	86	09	24	?	15	9.5	10.	635	X		
MACKENZIE BAY	T1-2	69	44.54	134	36.67	86	08	18	86	09	24	?	8	4.5	6.	635	X		

11.4 WAVE DATA

The listings contain the following information:

AREA	Area
STN	Station number; generally as assigned by the originating agency.
LAT, LONG	In degrees and minutes.
START/STOP	Year, month and day instrument recorded over.
EFF LEN	Effective record length in days.
DT (MN)	Sampling rate in minutes.
DEPTHS-INSTR/WATER	Instrument and water depth, in metres.
INSTR TYPE	Instrument type: 621 - SeaData 621 DWCM wave/current sensor 635 - Sea Data pressure recorder 635-9, -11 or -12 650 - SeaData pressure recorder 650B-7 WRDR - Datawell waverider WRIP - WRIPS w/internal Sea Data recorder WTRK - Endeco wave-track WVEC - WAVEC 750A - Applied Microsystems wave burst recorder
ADDIT SENSOR	Parameters measured qualified by : X - measurements of this parameter were made

Blank entries indicate unavailable or inapplicable data.
? Indicates information not entered into our data base, but often available from the original data report (section 10.3).

WAVE DATA SET NUMBER: 70-0071
YEAR:1970 VESSEL/AGENCY: MEDS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
HERSCHEL IS	098	69	30.00	138	40.00	70	08	01	70	08	30	30	?	0	50	WRDR	

WAVE DATA SET NUMBER: 74-0126
YEAR:1974 VESSEL/AGENCY: MEDS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
TUK. SHELF	003	69	53.80	135	57.20	74	08	26	74	08	30	04	?	0	21	WRDR	

WAVE DATA SET NUMBER: 75-0146
YEAR:1975 VESSEL/AGENCY: MEDS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
TUK. SHELF	003	69	53.80	135	57.20	75	08	08	75	09	06	29	?	0	21	WRDR	

WAVE DATA SET NUMBER: 76-0001
YEAR:1976 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
TUK. SHELF	006	70	09.08	132	57.08	76	08	20	76	10	04	45	?	0	29	WRDR	

WAVE DATA SET NUMBER: 76-0123
YEAR:1976 VESSEL/AGENCY: MEDS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P T C
TUK. SHELF	025	69	58.08	134	59.00	76	08	08	76	10	09	62	?	0	15	WRDR	
TUK. SHELF	050	69	57.08	133	50.08	76	08	08	76	10	08	61	?	0	15	WRDR	

WAVE DATA SET NUMBER: 77-0004
YEAR:1977 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUK. SHELF	192	70	11.30	132	45.20	77	08	07	77	10	02	56	?	0	34	WRDR	
TUK. SHELF	193	70	23.90	135	06.00	77	08	07	77	10	01	55	?	0	64	WRDR	

WAVE DATA SET NUMBER: 77-0009B
YEAR:1977 VESSEL/AGENCY: ESSO

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUK. SHELF	194	69	57.50	134	26.00	77	08	11	77	09	16	36	?	0	14	WRDR	

WAVE DATA SET NUMBER: 77-0123
YEAR:1977 VESSEL/AGENCY: GULF

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUK. SHELF	190	70	03.50	133	38.00	77	08	15	77	10	13	59	?	0	33	WRDR	
TUK. SHELF	191	70	08.40	136	24.80	77	08	16	77	10	10	55	?	0	43	WRDR	

WAVE DATA SET NUMBER: 78-0001
YEAR:1978 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUK. SHELF	192	70	10.05	132	44.00	78	07	22	78	10	04	74	?	0	31	WRDR	
TUK. SHELF	193	70	22.90	135	05.60	78	09	02	78	10	04	33	?	0	57	WRDR	
TUK. SHELF	196	70	34.10	130	51.40	78	08	31	78	09	01	02	?	0	27	WRDR	

WAVE DATA SET NUMBER: 78-0113
YEAR:1978 VESSEL/AGENCY: MEDS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TUK. SHELF	198	70	04.00	132	27.00	78	08	04	78	08	13	09	?	0	24	WRDR	

WAVE DATA SET NUMBER: 79-0003
YEAR: 1979 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
TUK. SHELF	200	70 31.12	133 20.08	79 08 03	79 09 10	38	?	0	46	WRDR	
TUK. SHELF	201	69 58.13	136 36.15	79 08 13	79 09 18	36	?	0	30	WRDR	

WAVE DATA SET NUMBER: 79-0120
YEAR: 1979 VESSEL/AGENCY: MEDS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
TUK. SHELF	198	70 03.33	133 59.60	79 08 19	79 10 15	57	?	0	24	WRDR	

WAVE DATA SET NUMBER: 80-0002
YEAR: 1980 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
TUK. SHELF	200	70 05.00	136 40.00	80 08 11	80 09 18	38	?	0	50	WRDR	
TUK. SHELF	201	70 34.00	134 35.00	80 08 16	80 09 13	28	?	0	60	WRDR	
TUK. SHELF	202	70 18.00	136 36.00	80 08 15	80 09 07	24	?	0	60	WRDR	

WAVE DATA SET NUMBER: 81-0002C
YEAR: 1981 VESSEL/AGENCY: CANMAR

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
TUK. SHELF	201	70 05.00	134 26.00	81 07 28	81 08 31	34	?	0	27	WRDR	
TUK. SHELF	202	70 46.00	129 21.00	81 08 05	81 08 14	09	?	0	25	WRDR	
TUK. SHELF	196	70 28.00	134 06.00	81 08 07	81 10 06	60	?	0	60	WRDR	
TUK. SHELF	204	69 53.00	136 11.00	81 08 13	81 08 15	02	?	0	20	WRDR	

WAVE DATA SET NUMBER: 82-0117
YEAR: 1982 VESSEL/AGENCY: ESSO

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
TUK. SHELF	205	69 56.97	134 29.67	82 08 23	82 09 26	54	?	0	14	WRDR	

WAVE DATA SET NUMBER: 82-0118
YEAR:1982 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF	196	70	24.80	133	27.00	82	07	27	82	08	25	29	?	0	52	WRDR			
TUK. SHELF	196	70	22.50	136	32.00	82	09	01	82	09	29	28	?	0	58	WRDR			
TUK. SHELF	201	70	35.00	134	14.00	82	07	28	82	08	21	24	?	0	58	WRDR			
TUK. SHELF	201	70	26.50	133	59.00	82	09	02	82	09	29	27	?	0	60	WRDR			
TUK. SHELF	202	70	44.00	133	50.00	82	07	22	82	07	27	05	?	0	71	WRDR			
TUK. SHELF	204	69	53.40	135	59.50	82	07	30	82	08	20	21	?	0	20	WRDR			
TUK. SHELF	204	69	50.70	136	00.00	82	09	01	82	09	29	28	?	0	21	WRDR			
MCKINLEY BAY	206	69	58.10	131	12.65	82	08	07	82	10	06	60	?	0	8	WRDR			

WAVE DATA SET NUMBER: 83-0067
YEAR:1983 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF	208	69	44.97	136	05.22	83	08	24	83	09	09	16	?	0	12	WRDR			
TUK. SHELF	209	69	56.06	133	30.50	83	07	31	83	08	17	18	?	0	21	WRDR			

WAVE DATA SET NUMBER: 83-0069
YEAR:1983 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF	196	70	19.42	135	26.53	83	09	09	83	09	12	03	?	0	58	WRDR			
TUK. SHELF	200	70	24.44	133	42.33	83	08	17	83	08	30	13	?	0	50	WRDR			
TUK. SHELF	201	70	04.95	137	13.12	83	08	11	83	09	10	30	?	0	42	WRDR			
TUK. SHELF	202	70	24.62	134	30.68	83	08	23	83	08	27	04	?	0	52	WRDR			

WAVE DATA SET NUMBER: 83-0070
YEAR:1983 VESSEL/AGENCY: GULF

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF	207	69	55.72	136	47.72	83	08	25	83	09	05	10	?	0	30	WRDR			

WAVE DATA SET NUMBER: 84-0045
YEAR:1984 VESSEL/AGENCY: MEDS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF		69	55.	136	25.	84	08	06	84	08	17	12	?	?	?	WRDR			
HERSCHEL IS.		69	30.	138	40.	84	08	09	84	08	18	9	?	?	?	WRDR			

WAVE DATA SET NUMBER: 84-0046
YEAR:1984 VESSEL/AGENCY: ASL

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF	209	69	57.00	133	30.50	84	08	05	84	10	05	61	?	0	21	WRDR			
TUK. SHELF		69	49.73	135	26.38	84	08	18	84	08	21	3	?	0	15	WRDR			

WAVE DATA SET NUMBER: 85-0029
YEAR:1985 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF	ADGO	69	28.84	135	52.14	85	08	15	85	09	27	44	15	2.5	2.7	SDAT		X	

WAVE DATA SET NUMBER: 85-0030
YEAR:1985 VESSEL/AGENCY: DOBROCKY

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
KING POINT		69	06.	137	57.	85	08	27	85	09	14	?	?	1.8	2.7	621	X		
KING POINT		69	06.	137	57.	85	08	29	85	09	11	?	?	4.0	5.6	635	X		

WAVE DATA SET NUMBER: 85-0033
YEAR:1985 VESSEL/AGENCY: CANMAR

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
TUK. SHELF	ADLAR	69	38.87	137	45.47	85	08	15	85	09	11	27	?	0	68	WRDR			
TUK. SHELF	EDLOK	69	45.83	140	14.37	85	08	23	85	09	11	19	?	0	35	WRDR			

WAVE DATA SET NUMBER: 86-0009
YEAR:1986 VESSEL/AGENCY: SEACONSULT

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
MACKENZIE BAY	T1-1	69	44.49	134	36.41	86	08	17	86	09	24	?	?	9.5	10.	635	X		
MACKENZIE BAY	T1-2	69	44.54	134	36.67	86	08	18	86	09	24	?	?	4.5	6.	635	X		
MACKENZIE BAY	T1-2	69	44.54	134	36.67	86	08	18	86	09	24	?	?	5.5	6.	635	X		
MACKENZIE BAY	T1-2	69	44.54	134	36.67	86	08	18	86	09	24	?	?	4.5	6.	650	X		

WAVE DATA SET NUMBER: 86-0014
YEAR:1986 VESSEL/AGENCY: ARCTIC LAB.

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
TUK. SHELF	AMAUL	70	05.67	133	48.27	86	08	08	86	09	14	?	?	0	33	WRDR			

11.5 AIDJEX 1975 - 1976 TEMPERATURE-SALINITY DATA

This section contains listings of all the AIDJEX 1975-1976 temperature-salinity data, even those stations outside the boundaries of this data compilation.

The format cf the T/S data listing is the same as in Section 11.1. The station letters CB, BF, SB and BB signify camps Caribou, Blue Fox, Snowbird and Big Bear, respectively.

BOTTLE/CTD DATA SET NUMBER: 75-0005
YEAR:1975 VESSEL/AGENCY: AIDJEX

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
CANADA BASIN	CB 1	75	32.44	143	59.55	75	05	14	06	741	?	X		X	STD	
CANADA BASIN	CB 3	75	30.62	143	54.64	75	05	14	19	730	?	X		X	STD	
CANADA BASIN	CB 5	75	28.35	143	50.67	75	05	17	05	746	?	X		X	STD	
CANADA BASIN	CB 7	75	30.32	144	0.67	75	05	17	18	765	?	X		X	STD	
CANADA BASIN	CB 9	75	31.51	144	25.04	75	05	18	18	746	?	X		X	STD	
CANADA BASIN	CB 11	75	29.98	144	45.71	75	05	19	18	745	?	X		X	STD	
CANADA BASIN	CB 13	75	27.95	144	46.72	75	05	20	18	740	?	X		X	STD	
CANADA BASIN	CB 15	75	27.95	144	44.42	75	05	21	18	741	?	X		X	STD	
CANADA BASIN	CB 17	75	30.04	144	39.68	75	05	22	18	736	?	X		X	STD	
CANADA BASIN	CB 19	75	30.06	144	34.03	75	05	23	18	770	?	X		X	STD	
CANADA BASIN	CB 21	75	29.11	144	30.42	75	05	24	18	732	?	X		X	STD	
CANADA BASIN	CB 23	75	30.34	144	33.72	75	05	25	18	738	?	X		X	STD	
CANADA BASIN	CB 25	75	29.78	144	52.49	75	05	26	19	735	?	X		X	STD	
CANADA BASIN	CB 27	75	30.28	145	14.20	75	05	27	18	734	?	X		X	STD	
CANADA BASIN	CB 29	75	33.64	145	35.08	75	05	28	18	751	?	X		X	STD	
CANADA BASIN	CB 31	75	37.02	145	51.13	75	05	29	18	735	?	X		X	STD	
CANADA BASIN	CB 33	75	40.07	146	7.12	75	05	30	18	734	?	X		X	STD	
CANADA BASIN	CB 35	75	41.00	146	19.24	75	05	31	20	735	?	X		X	STD	
CANADA BASIN	CB 37	75	41.21	146	29.59	75	06	01	18	497	?	X		X	STD	
CANADA BASIN	CB 39	75	41.47	146	41.99	75	06	02	18	244	?	X		X	STD	
CANADA BASIN	CB 41	75	42.49	146	53.59	75	06	03	18	488	?	X		X	STD	
CANADA BASIN	CB 43	75	43.31	147	12.41	75	06	04	17	732	?	X		X	STD	
CANADA BASIN	CB 45	75	43.00	147	28.87	75	06	05	18	490	?	X		X	STD	
CANADA BASIN	CB 47	75	41.71	147	37.53	75	06	06	18	252	?	X		X	STD	
CANADA BASIN	CB 49	75	40.55	147	45.08	75	06	07	18	488	?	X		X	STD	
CANADA BASIN	CB 51	75	38.72	147	50.92	75	06	08	18	733	?	X		X	STD	
CANADA BASIN	CB 53	75	36.48	147	49.84	75	06	09	18	489	?	X		X	STD	
CANADA BASIN	CB 55	75	35.73	147	47.89	75	06	10	18	258	?	X		X	STD	
CANADA BASIN	CB 57	75	35.64	147	42.43	75	06	11	18	491	?	X		X	STD	
CANADA BASIN	CB 59	75	35.80	147	48.08	75	06	12	18	738	?	X		X	STD	
CANADA BASIN	CB 61	75	35.88	147	54.52	75	06	13	18	489	?	X		X	STD	
CANADA BASIN	CB 63	75	37.27	147	57.80	75	06	14	18	241	?	X		X	STD	
CANADA BASIN	CB 65	75	38.37	148	7.27	75	06	15	18	489	?	X		X	STD	
CANADA BASIN	CB 67	75	38.06	148	13.45	75	06	16	18	731	?	X		X	STD	
CANADA BASIN	CB 69	75	41.93	148	29.38	75	06	17	18	492	?	X		X	STD	
CANADA BASIN	CB 71	75	39.23	148	42.36	75	06	18	18	248	?	X		X	STD	
CANADA BASIN	CB 73	75	36.82	148	52.85	75	06	19	18	489	?	X		X	STD	
CANADA BASIN	CB 75	75	36.95	149	3.03	75	06	20	18	738	?	X		X	STD	
CANADA BASIN	CB 77	75	39.04	149	10.89	75	06	21	18	493	?	X		X	STD	
CANADA BASIN	CB 79	75	42.37	149	9.16	75	06	22	18	248	?	X		X	STD	
CANADA BASIN	CB 81	75	43.91	149	20.51	75	06	23	18	731	?	X		X	STD	
CANADA BASIN	CB 83	75	43.12	149	23.57	75	06	24	18	241	?	X		X	STD	
CANADA BASIN	CB 85	75	41.48	149	10.56	75	06	25	18	488	?	X		X	STD	
CANADA BASIN	CB 87	75	42.32	149	5.79	75	06	26	18	737	?	X		X	STD	
CANADA BASIN	CB 89	75	43.83	149	6.69	75	06	27	18	487	?	X		X	STD	
CANADA BASIN	CB 91	75	45.34	148	51.23	75	06	28	18	247	?	X		X	STD	
CANADA BASIN	CB 93	75	43.91	148	32.68	75	06	29	18	494	?	X		X	STD	
CANADA BASIN	CB 95	75	49.97	148	30.34	75	06	30	18	733	?	X		X	STD	
CANADA BASIN	CB 96	75	50.39	148	13.91	75	07	01	18	393	?	X		X	STD	
CANADA BASIN	CB 98	75	50.07	148	9.56	75	07	02	18	245	?	X		X	STD	
CANADA BASIN	CB100	75	50.79	147	42.00	75	07	03	18	488	?	X		X	STD	
CANADA BASIN	CB102	75	48.55	147	24.34	75	07	04	18	344	?	X		X	STD	
CANADA BASIN	CB104	75	44.26	147	5.65	75	07	05	18	345	?	X		X	STD	
CANADA BASIN	CB105	75	40.55	146	41.57	75	07	06	19	240	?	X		X	STD	
CANADA BASIN	CB107	75	40.35	146	14.42	75	07	07	18	506	?	X		X	STD	
CANADA BASIN	CB109	75	38.41	146	2.37	75	07	08	19	732	?	X		X	STD	
CANADA BASIN	CB111	75	41.40	145	47.99	75	07	09	19	491	?	X		X	STD	
CANADA BASIN	CB113	75	37.88	145	12.56	75	07	10	18	240	?	X		X	STD	
CANADA BASIN	CB115	75	36.81	145	7.71	75	07	11	18	487	?	X		X	STD	
CANADA BASIN	CB117	75	38.86	145	10.19	75	07	12	18	257	?	X		X	STD	
CANADA BASIN	CB119	75	40.55	145	16.40	75	07	13	18	732	?	X		X	STD	
CANADA BASIN	CB121	75	40.31	145	13.36	75	07	14	18	732	?	X		X	STD	
CANADA BASIN	CB123	75	38.92	145	20.94	75	07	15	18	199	?	X		X	STD	
CANADA BASIN	CB124	75	34.94	145	21.98	75	07	16	18	483	?	X		X	STD	
CANADA BASIN	CB125	75	20.17	145	19.10	75	07	20	18	239	?	X		X	STD	
CANADA BASIN	CB126	75	13.15	145	22.83	75	07	21	18	737	?	X		X	STD	
CANADA BASIN	CB128	75	8.74	145	28.18	75	07	22	18	239	?	X		X	STD	
CANADA BASIN	CB130	75	6.58	145	33.74	75	07	23	18	502	?	X		X	STD	
CANADA BASIN	CB132	75	6.04	145	36.73	75	07	24	18	730	?	X		X	STD	
CANADA BASIN	CB134	75	6.30	145	49.95	75	07	25	18	485	?	X		X	STD	
CANADA BASIN	CB136	75	3.53	145	57.51	75	07	26	18	238	?	X		X	STD	

CANADA BASIN	CB138	75	0.28	145	53.18	75	07	27	18	489	?	X		X	STD
CANADA BASIN	CB140	74	57.37	145	49.66	75	07	28	18	729	?	X		X	STD
CANADA BASIN	CB142	74	52.09	145	24.12	75	07	29	18	730	?	X		X	STD
CANADA BASIN	CB144	74	44.99	145	9.18	75	07	30	18	260	?	X		X	STD
CANADA BASIN	CB146	74	40.20	144	52.28	75	07	31	18	484	?	X		X	STD
CANADA BASIN	CB148	74	36.43	144	36.94	75	08	01	18	729	?	X		X	STD
CANADA BASIN	CB150	74	34.37	144	32.14	75	08	02	18	485	?	X		X	STD
CANADA BASIN	CB152	74	33.35	144	27.78	75	08	03	19	238	?	X		X	STD
CANADA BASIN	CB154	74	33.82	144	19.72	75	08	04	18	483	?	X		X	STD
CANADA BASIN	CB156	74	34.88	143	59.08	75	08	05	18	732	?	X		X	STD
CANADA BASIN	CB158	74	31.27	143	55.46	75	08	06	19	504	?	X		X	STD
CANADA BASIN	CB159	74	30.29	143	49.52	75	08	07	18	303	?	X		X	STD
CANADA BASIN	CB161	74	30.14	143	39.28	75	08	08	18	730	?	X		X	STD
CANADA BASIN	CB163	74	28.18	143	8.72	75	08	09	06	240	?	X		X	STD
CANADA BASIN	CB165	74	25.45	142	55.94	75	08	09	18	485	?	X		X	STD
CANADA BASIN	CB167	74	17.75	142	34.76	75	08	10	18	729	?	X		X	STD
CANADA BASIN	CB169	74	12.35	142	20.17	75	08	11	18	241	?	X		X	STD
CANADA BASIN	CB171	74	9.19	142	2.29	75	08	12	18	503	?	X		X	STD
CANADA BASIN	CB173	74	12.87	141	50.80	75	08	13	18	730	?	X		X	STD
CANADA BASIN	CB175	74	8.88	141	31.60	75	08	14	18	729	?	X		X	STD
CANADA BASIN	CB177	74	10.32	141	32.15	75	08	15	18	254	?	X		X	STD
CANADA BASIN	CB179	74	10.75	141	33.28	75	08	16	18	485	?	X		X	STD
CANADA BASIN	CB181	74	6.50	141	47.59	75	08	17	18	728	?	X		X	STD
CANADA BASIN	CB183	74	5.69	141	57.12	75	08	18	18	483	?	X		X	STD
CANADA BASIN	CB185	74	6.11	142	15.50	75	08	19	18	237	?	X		X	STD
CANADA BASIN	CB187	74	7.58	142	39.53	75	08	20	18	487	?	X		X	STD
CANADA BASIN	CB189	74	7.18	142	49.04	75	08	21	19	728	?	X		X	STD
CANADA BASIN	CB191	74	5.23	142	46.14	75	08	22	18	727	?	X		X	STD
CANADA BASIN	CB193	74	1.64	142	40.36	75	08	23	18	727	?	X		X	STD
CANADA BASIN	CB195	74	0.61	142	36.81	75	08	24	18	723	?	X		X	STD
CANADA BASIN	CB196	74	0.73	142	22.60	75	08	25	18	731	?	X		X	STD
CANADA BASIN	CB198	74	4.24	142	19.88	75	08	26	18	731	?	X		X	STD
CANADA BASIN	CB200	73	59.41	141	52.23	75	08	27	18	733	?	X		X	STD
CANADA BASIN	CB202	73	51.96	141	22.64	75	08	28	18	728	?	X		X	STD
CANADA BASIN	CB203	73	48.17	141	4.60	75	08	29	18	729	?	X		X	STD
CANADA BASIN	CB205	73	43.54	141	4.87	75	08	30	18	730	?	X		X	STD
CANADA BASIN	CB207	73	40.98	141	7.71	75	08	31	18	729	?	X		X	STD
CANADA BASIN	CB209	73	35.67	140	48.58	75	09	01	18	733	?	X		X	STD
CANADA BASIN	CB211	73	29.14	140	44.33	75	09	02	18	731	?	X		X	STD
CANADA BASIN	CB212	73	30.85	140	40.06	75	09	03	18	735	?	X		X	STD
CANADA BASIN	CB214	73	31.87	140	34.47	75	09	04	18	638	?	X		X	STD
CANADA BASIN	CB216	73	26.71	140	24.35	75	09	05	18	735	?	X		X	STD
CANADA BASIN	CB218	73	25.44	140	34.23	75	09	06	18	730	?	X		X	STD
CANADA BASIN	CB220	73	25.30	140	47.09	75	09	07	18	729	?	X		X	STD
CANADA BASIN	CB221	73	23.78	140	37.29	75	09	08	18	735	?	X		X	STD
CANADA BASIN	CB223	73	23.48	140	15.80	75	09	09	18	728	?	X		X	STD
CANADA BASIN	CB225	73	22.13	139	57.22	75	09	10	18	728	?	X		X	STD
CANADA BASIN	CB227	73	22.77	139	40.55	75	09	11	18	729	?	X		X	STD
CANADA BASIN	CB229	73	22.94	139	21.76	75	09	12	18	676	?	X		X	STD
CANADA BASIN	CB231	73	22.05	139	3.16	75	09	13	19	394	?	X		X	STD
CANADA BASIN	CB233	73	20.83	138	46.54	75	09	14	18	727	?	X		X	STD
CANADA BASIN	CB235	73	21.76	138	59.30	75	09	15	18	731	?	X		X	STD
CANADA BASIN	CB237	73	24.26	139	10.33	75	09	16	18	729	?	X		X	STD
CANADA BASIN	CB239	73	27.53	139	14.57	75	09	17	18	729	?	X		X	STD
CANADA BASIN	CB241	73	28.58	139	11.32	75	09	18	18	729	?	X		X	STD
CANADA BASIN	CB243	73	25.65	139	30.87	75	09	19	18	728	?	X		X	STD
CANADA BASIN	CB245	73	22.80	139	30.62	75	09	20	18	732	?	X		X	STD
CANADA BASIN	CB246	73	22.90	139	0.91	75	09	21	18	486	?	X		X	STD
CANADA BASIN	CB248	73	19.88	138	36.19	75	09	22	18	731	?	X		X	STD
CANADA BASIN	CB250	73	17.85	138	46.12	75	09	23	18	728	?	X		X	STD
CANADA BASIN	CB252	73	5.98	138	20.25	75	09	27	18	731	?	X		X	STD
CANADA BASIN	CB253	73	5.41	138	18.13	75	09	28	18	729	?	X		X	STD
CANADA BASIN	CB255	73	7.10	138	21.56	75	09	29	18	530	?	X		X	STD
CANADA BASIN	CB257	73	9.67	138	35.39	75	09	30	18	728	?	X		X	STD
CANADA BASIN	CB259	73	12.47	139	3.33	75	10	01	18	730	?	X		X	STD
CANADA BASIN	CB261	73	16.22	139	26.38	75	10	02	18	732	?	X		X	STD
CANADA BASIN	CB263	73	20.89	139	42.73	75	10	03	18	730	?	X		X	STD
CANADA BASIN	CB265	73	25.35	139	58.27	75	10	04	18	731	?	X		X	STD
CANADA BASIN	CB267	73	26.94	140	9.10	75	10	05	18	732	?	X		X	STD
CANADA BASIN	CB269	73	26.74	140	17.78	75	10	06	18	730	?	X		X	STD
CANADA BASIN	CB271	73	24.74	140	15.57	75	10	07	18	729	?	X		X	STD
CANADA BASIN	CB273	73	22.75	140	14.62	75	10	08	18	730	?	X		X	STD
CANADA BASIN	CB275	73	20.60	140	12.60	75	10	09	18	609	?	X		X	STD
CANADA BASIN	CB277	73	17.46	140	12.15	75	10	11	18	728	?	X		X	STD
CANADA BASIN	CB279	73	18.02	139	57.88	75	10	12	18	729	?	X		X	STD
CANADA BASIN	CB281	73	16.64	140	6.32	75	10	13	18	732	?	X		X	STD
CANADA BASIN	CB283	73	17.24	140	37.90	75	10	15	18	729	?	X		X	STD
CANADA BASIN	CB285	73	15.61	140	51.87	75	10	17	18	734	?	X		X	STD
CANADA BASIN	CB287	73	15.02	140	55.34	75	10	18	18	728	?	X		X	STD
CANADA BASIN	CB289	73	16.09	141	13.34	75	10	19	18	732	?	X		X	STD
CANADA BASIN	CB291	73	16.88	141	22.97	75	10	20	18	730	?	X		X	STD
CANADA BASIN	CB293	73	17.40	141	26.81	75	10	21	18	730	?	X		X	STD
CANADA BASIN	CB295	73	20.54	141	46.01	75	10	24	05	728	?	X		X	STD

CANADA BASIN	CB297	73	21.85	141	36.11	75	10	25	21	739	?	X	X	STD
CANADA BASIN	CB298	73	4.61	141	14.72	75	10	29	04	735	?	X	X	STD
CANADA BASIN	CB299	72	58.54	141	17.66	75	10	29	20	743	?	X	X	STD
CANADA BASIN	CB300	72	47.59	141	10.65	75	10	31	23	742	?	X	X	STD
CANADA BASIN	CB301	72	47.15	141	6.77	75	11	01	20	743	?	X	X	STD
CANADA BASIN	CB304	72	47.45	141	7.12	75	11	03	05	743	?	X	X	STD
CANADA BASIN	CB306	72	49.39	141	12.52	75	11	04	23	742	?	X	X	STD
CANADA BASIN	CB309	72	50.57	141	10.03	75	11	06	04	737	?	X	X	STD
CANADA BASIN	CB311	72	51.17	141	4.01	75	11	06	18	739	?	X	X	STD
CANADA BASIN	CB312	72	52.60	140	55.61	75	11	07	18	742	?	X	X	STD
CANADA BASIN	CB314	72	54.11	140	57.82	75	11	08	19	740	?	X	X	STD
CANADA BASIN	CB318	72	52.66	140	51.32	75	11	09	19	741	?	X	X	STD
CANADA BASIN	CB320	72	52.81	140	49.99	75	11	10	04	745	?	X	X	STD
CANADA BASIN	CB322	72	52.69	140	48.91	75	11	10	18	753	?	X	X	STD
CANADA BASIN	CB324	72	52.55	140	47.94	75	11	11	04	740	?	X	X	STD
CANADA BASIN	CB326	72	52.50	140	48.26	75	11	11	18	740	?	X	X	STD
CANADA BASIN	CB328	72	52.43	140	48.30	75	11	12	05	742	?	X	X	STD
CANADA BASIN	CB330	72	51.77	140	52.13	75	11	12	18	741	?	X	X	STD
CANADA BASIN	CB332	72	51.17	140	58.03	75	11	13	04	741	?	X	X	STD
CANADA BASIN	CB334	72	49.51	141	8.26	75	11	13	18	657	?	X	X	STD
CANADA BASIN	CB336	72	47.43	141	15.58	75	11	14	04	743	?	X	X	STD
CANADA BASIN	CB339	72	44.41	141	23.00	75	11	14	18	740	?	X	X	STD
CANADA BASIN	CB341	72	43.64	141	22.60	75	11	15	05	743	?	X	X	STD
CANADA BASIN	CB343	72	43.08	141	21.46	75	11	16	02	741	?	X	X	STD
CANADA BASIN	CB345	72	43.10	141	21.70	75	11	16	18	740	?	X	X	STD
CANADA BASIN	CB347	72	43.12	141	21.67	75	11	17	05	737	?	X	X	STD
CANADA BASIN	CB349	72	43.07	141	21.58	75	11	17	18	741	?	X	X	STD
CANADA BASIN	CB351	72	43.11	141	21.67	75	11	18	04	741	?	X	X	STD
CANADA BASIN	CB353	72	43.09	141	21.74	75	11	18	18	741	?	X	X	STD
CANADA BASIN	CB355	72	43.12	141	21.73	75	11	19	04	741	?	X	X	STD
CANADA BASIN	CB357	72	43.13	141	21.74	75	11	19	18	741	?	X	X	STD
CANADA BASIN	CB359	72	44.02	141	26.13	75	11	20	04	741	?	X	X	STD
CANADA BASIN	CB361	72	48.03	141	38.29	75	11	20	20	736	?	X	X	STD
CANADA BASIN	CB363	72	51.01	141	47.42	75	11	21	05	736	?	X	X	STD
CANADA BASIN	CB365	72	56.24	142	0.78	75	11	21	18	733	?	X	X	STD
CANADA BASIN	CB367	73	1.23	142	9.44	75	11	22	05	740	?	X	X	STD
CANADA BASIN	CB371	73	6.11	142	14.63	75	11	23	05	74[illegible]	?	X	X	STD
CANADA BASIN	CB374	73	6.71	142	21.29	75	11	23	18	743	?	X	X	STD
CANADA BASIN	CB376	73	7.23	142	23.46	75	11	24	04	745	?	X	X	STD
CANADA BASIN	CB378	73	7.39	142	23.34	75	11	24	17	741	?	X	X	STD
CANADA BASIN	CB380	73	7.54	142	26.74	75	11	25	05	740	?	X	X	STD
CANADA BASIN	CB382	73	7.90	142	34.16	75	11	25	18	741	?	X	X	STD
CANADA BASIN	CB384	73	8.91	142	42.38	75	11	26	05	743	?	X	X	STD
CANADA BASIN	CB386	73	11.37	142	50.70	75	11	26	18	736	?	X	X	STD
CANADA BASIN	CB388	73	12.85	142	53.27	75	11	27	05	741	?	X	X	STD
CANADA BASIN	CB390	73	13.24	142	53.83	75	11	27	18	741	?	X	X	STD
CANADA BASIN	CB392	73	13.38	142	54.53	75	11	28	05	741	?	X	X	STD
CANADA BASIN	CB394	73	13.81	142	59.63	75	11	28	18	741	?	X	X	STD
CANADA BASIN	CB396	73	14.32	143	5.02	75	11	29	04	741	?	X	X	STD
CANADA BASIN	CB398	73	14.09	143	9.44	75	11	29	18	741	?	X	X	STD
CANADA BASIN	CB400	73	13.74	143	10.11	75	11	30	05	741	?	X	X	STD
CANADA BASIN	CB402	73	12.94	143	8.36	75	11	30	18	742	?	X	X	STD
CANADA BASIN	CB404	73	11.35	143	3.22	75	12	01	05	740	?	X	X	STD
CANADA BASIN	CB406	73	7.83	142	59.33	75	12	01	18	742	?	X	X	STD
CANADA BASIN	CB408	73	6.10	143	1.60	75	12	02	05	741	?	X	X	STD
CANADA BASIN	CB410	73	4.26	143	0.88	75	12	02	18	741	?	X	X	STD
CANADA BASIN	CB412	73	3.61	142	59.04	75	12	03	05	741	?	X	X	STD
CANADA BASIN	CB414	73	3.49	142	56.96	75	12	03	18	741	?	X	X	STD
CANADA BASIN	CB416	73	3.37	142	56.59	75	12	04	10	741	?	X	X	STD
CANADA BASIN	CB418	73	3.37	142	56.48	75	12	04	18	741	?	X	X	STD
CANADA BASIN	CB420	73	3.36	142	55.86	75	12	05	05	742	?	X	X	STD
CANADA BASIN	CB422	73	3.30	142	55.94	75	12	05	18	742	?	X	X	STD
CANADA BASIN	CB426	73	3.12	142	55.04	75	12	07	02	741	?	X	X	STD
CANADA BASIN	CB428	73	4.46	142	48.38	75	12	07	20	747	?	X	X	STD
CANADA BASIN	CB430	73	6.41	142	45.73	75	12	08	04	742	?	X	X	STD
CANADA BASIN	CB432	73	9.17	142	51.97	75	12	08	18	741	?	X	X	STD
CANADA BASIN	CB434	73	9.27	142	56.89	75	12	09	04	742	?	X	X	STD
CANADA BASIN	CB436	73	7.93	142	57.67	75	12	09	18	741	?	X	X	STD
CANADA BASIN	CB438	73	7.13	142	55.23	75	12	10	05	741	?	X	X	STD
CANADA BASIN	CB440	73	5.68	142	48.26	75	12	10	18	394	?	X	X	STD
CANADA BASIN	CB441	73	1.64	143	7.99	75	12	21	06	740	?	X	X	STD
CANADA BASIN	CB442	73	1.61	143	7.39	75	12	21	18	743	?	X	X	STD
CANADA BASIN	CB444	73	2.07	143	10.69	75	12	22	18	744	?	X	X	STD
CANADA BASIN	CB446	73	2.41	143	13.54	75	12	23	06	746	?	X	X	STD
CANADA BASIN	CB451	73	1.94	143	18.20	75	12	27	19	745	?	X	X	STD
CANADA BASIN	CB452	73	2.63	143	24.33	75	12	28	05	739	?	X	X	STD
CANADA BASIN	CB454	73	3.57	143	31.25	75	12	28	18	742	?	X	X	STD
CANADA BASIN	CB456	73	3.76	143	32.42	75	12	29	05	743	?	X	X	STD
CANADA BASIN	CB458	73	3.10	143	28.44	75	12	29	18	742	?	X	X	STD
CANADA BASIN	CB460	73	2.58	143	23.90	75	12	30	05	745	?	X	X	STD
CANADA BASIN	CB462	73	2.23	143	19.68	75	12	30	18	743	?	X	X	STD
CANADA BASIN	CB464	73	2.21	143	18.86	75	12	31	06	743	?	X	X	STD
CANADA BASIN	CB466	73	3.21	143	23.85	75	12	31	18	741	?	X	X	STD

CANADA BASIN	CB468	73	5.02	143	32.53	76	01	01	06	740	?	X	X	STD
CANADA BASIN	CB470	73	6.52	143	36.03	76	01	01	22	745	?	X	X	STD
CANADA BASIN	CB472	73	6.40	143	34.83	76	01	02	05	753	?	X	X	STD
CANADA BASIN	CB474	73	7.44	143	38.10	76	01	02	18	741	?	X	X	STD
CANADA BASIN	CB476	73	8.93	143	43.58	76	01	03	07	739	?	X	X	STD
CANADA BASIN	CB478	73	11.00	143	48.61	76	01	03	19	740	?	X	X	STD
CANADA BASIN	CB480	73	14.62	143	54.31	76	01	04	06	742	?	X	X	STD
CANADA BASIN	CB482	73	18.68	144	2.98	76	01	04	18	742	?	X	X	STD
CANADA BASIN	CB484	73	21.42	144	8.79	76	01	05	05	745	?	X	X	STD
CANADA BASIN	CB486	73	22.55	144	11.11	76	01	05	18	2973	?	X	X	STD
CANADA BASIN	CB488	73	22.64	144	10.82	76	01	06	05	745	?	X	X	STD
CANADA BASIN	CB490	73	22.82	144	8.83	76	01	06	18	744	?	X	X	STD
CANADA BASIN	CB492	73	23.44	144	7.69	76	01	07	06	753	?	X	X	STD
CANADA BASIN	CB494	73	23.90	144	9.14	76	01	07	18	741	?	X	X	STD
CANADA BASIN	CB496	73	24.16	144	8.90	76	01	08	06	743	?	X	X	STD
CANADA BASIN	CB498	73	23.53	144	10.48	76	01	08	18	742	?	X	X	STD
CANADA BASIN	CB500	73	19.82	144	10.90	76	01	09	18	741	?	X	X	STD
CANADA BASIN	CB502	73	17.36	143	57.30	76	01	10	18	741	?	X	X	STD
CANADA BASIN	CB504	73	12.13	143	35.99	76	01	11	19	736	?	X	X	STD
CANADA BASIN	CB506	73	8.56	143	26.69	76	01	12	19	738	?	X	X	STD
CANADA BASIN	CB508	73	8.57	143	26.51	76	01	13	05	744	?	X	X	STD
CANADA BASIN	CB510	73	8.58	143	26.47	76	01	13	18	743	?	X	X	STD
CANADA BASIN	CB512	73	8.59	143	26.50	76	01	14	06	743	?	X	X	STD
CANADA BASIN	CB514	73	9.14	143	27.29	76	01	14	18	743	?	X	X	STD
CANADA BASIN	CB515	73	10.37	143	28.39	76	01	15	06	743	?	X	X	STD
CANADA BASIN	CB517	73	10.63	143	29.08	76	01	15	18	495	?	X	X	STD
CANADA BASIN	CB519	73	9.55	143	26.64	76	01	16	06	742	?	X	X	STD
CANADA BASIN	CB521	73	8.46	143	23.48	76	01	16	18	743	?	X	X	STD
CANADA BASIN	CB523	73	8.69	143	23.65	76	01	17	06	743	?	X	X	STD
CANADA BASIN	CB525	73	8.84	143	25.72	76	01	17	18	741	?	X	X	STD
CANADA BASIN	CB527	73	8.39	143	26.26	76	01	18	06	741	?	X	X	STD
CANADA BASIN	CB529	73	8.16	143	26.14	76	01	18	18	741	?	X	X	STD
CANADA BASIN	CB530	73	7.93	143	26.03	76	01	19	06	743	?	X	X	STD
CANADA BASIN	CB531	73	7.51	143	23.47	76	01	19	19	743	?	X	X	STD
CANADA BASIN	CB533	73	6.92	143	17.17	76	01	20	18	744	?	X	X	STD
CANADA BASIN	CB534	73	6.91	143	17.29	76	01	21	06	743	?	X	X	STD
CANADA BASIN	CB535	73	6.74	143	18.96	76	01	21	18	742	?	X	X	STD
CANADA BASIN	CB536	73	5.98	143	25.90	76	01	22	07	2966	?	X	X	STD
CANADA BASIN	CB538	73	5.62	143	26.76	76	01	22	19	744	?	X	X	STD
CANADA BASIN	CB539	73	4.94	143	28.30	76	01	23	05	743	?	X	X	STD
CANADA BASIN	CB541	73	4.24	143	28.36	76	01	23	18	742	?	X	X	STD
CANADA BASIN	CB542	73	4.07	143	26.97	76	01	24	05	744	?	X	X	STD
CANADA BASIN	CB544	73	3.44	143	24.74	76	01	24	18	742	?	X	X	STD
CANADA BASIN	CB545	73	3.22	143	24.27	76	01	25	05	743	?	X	X	STD
CANADA BASIN	CB547	73	2.92	143	24.56	76	01	25	19	743	?	X	X	STD
CANADA BASIN	CB549	73	2.87	143	24.59	76	01	26	05	743	?	X	X	STD
CANADA BASIN	CB551	73	2.86	143	24.62	76	01	26	18	2967	?	X	X	STD
CANADA BASIN	CB552	73	2.84	143	24.53	76	01	28	06	102	?	X	X	STD
CANADA BASIN	CB553	73	2.86	143	24.64	76	01	29	05	742	?	X	X	STD
CANADA BASIN	CB555	73	3.05	143	27.56	76	01	29	19	741	?	X	X	STD
CANADA BASIN	CB556	73	3.19	143	34.60	76	01	30	05	738	?	X	X	STD
CANADA BASIN	CB558	73	3.17	143	37.78	76	01	30	08	737	?	X	X	STD
CANADA BASIN	CB559	73	3.59	144	1.20	76	01	31	05	744	?	X	X	STD
CANADA BASIN	CB561	73	4.37	144	10.90	76	01	31	18	744	?	X	X	STD
CANADA BASIN	CB563	73	5.65	144	13.04	76	02	01	05	744	?	X	X	STD
CANADA BASIN	CB565	73	6.53	144	14.15	76	02	01	19	745	?	X	X	STD
CANADA BASIN	CB567	73	6.82	144	12.23	76	02	02	05	745	?	X	X	STD
CANADA BASIN	CB569	73	6.82	144	7.24	76	02	02	18	2988	?	X	X	STD
CANADA BASIN	CB570	73	6.76	143	59.53	76	02	03	18	745	?	X	X	STD
CANADA BASIN	CB572	73	6.29	144	2.01	76	02	04	06	745	?	X	X	STD
CANADA BASIN	CB574	73	5.82	144	1.22	76	02	04	18	745	?	X	X	STD
CANADA BASIN	CB576	73	5.53	144	2.31	76	02	05	06	744	?	X	X	STD
CANADA BASIN	CB578	73	5.10	144	2.97	76	02	05	18	744	?	X	X	STD
CANADA BASIN	CB580	73	2.59	143	58.51	76	02	06	18	744	?	X	X	STD
CANADA BASIN	CB582	73	1.74	143	50.14	76	02	07	06	744	?	X	X	STD
CANADA BASIN	CB584	73	0.22	143	39.94	76	02	07	18	745	?	X	X	STD
CANADA BASIN	CB586	72	55.68	143	19.15	76	02	10	05	2988	?	X	X	STD
CANADA BASIN	CB594	72	55.04	143	16.53	76	02	12	18	746	?	X	X	STD
CANADA BASIN	CB596	72	54.91	143	16.25	76	02	13	06	745	?	X	X	STD
CANADA BASIN	CB598	72	54.91	143	16.08	76	02	13	18	746	?	X	X	STD
CANADA BASIN	CB600	72	54.89	143	16.28	76	02	14	06	740	?	X	X	STD
CANADA BASIN	CB610	72	54.89	143	16.21	76	02	16	18	248	?	X	X	STD
CANADA BASIN	CB632	72	54.89	143	16.14	76	02	22	18	745	?	X	X	STD
CANADA BASIN	CB634	72	54.89	143	16.23	76	02	23	06	744	?	X	X	STD
CANADA BASIN	CB636	72	54.90	143	16.22	76	02	23	18	744	?	X	X	STD
CANADA BASIN	CB638	72	54.89	143	16.15	76	02	24	05	2989	?	X	X	STD
CANADA BASIN	CB640	72	54.90	143	16.32	76	02	24	18	745	?	X	X	STD
CANADA BASIN	CB642	72	54.89	143	16.31	76	02	25	06	745	?	X	X	STD
CANADA BASIN	CB647	72	56.83	143	14.35	76	02	27	18	745	?	X	X	STD
CANADA BASIN	CB649	72	56.41	143	13.57	76	02	28	06	746	?	X	X	STD
CANADA BASIN	CB651	72	56.43	143	13.74	76	02	28	18	747	?	X	X	STD
CANADA BASIN	CB653	72	56.94	143	14.78	76	02	29	07	745	?	X	X	STD
CANADA BASIN	CB655	72	58.12	143	17.06	76	02	29	18	746	?	X	X	STD

CANADA BASIN	CB657	72	59.36	143	20.16	76	03	01	08	746	?	X	X	STD
CANADA BASIN	CB659	72	59.26	143	21.26	76	03	01	18	745	?	X	X	STD
CANADA BASIN	CB663	72	56.44	143	41.61	76	03	05	18	746	?	X	X	STD
CANADA BASIN	CB664	72	56.16	143	39.91	76	03	06	06	745	?	X	X	STD
CANADA BASIN	CB666	72	56.13	143	39.05	76	03	06	18	745	?	X	X	STD
CANADA BASIN	CB668	72	57.65	143	49.87	76	03	07	18	742	?	X	X	STD
CANADA BASIN	CB670	72	58.31	144	0.80	76	03	08	06	744	?	X	X	STD
CANADA BASIN	CB672	72	58.42	144	9.40	76	03	08	18	745	?	X	X	STD
CANADA BASIN	CB674	72	58.81	144	16.90	76	03	09	05	1968	?	X	X	STD
CANADA BASIN	CB676	72	58.70	144	24.60	76	03	10	06	745	?	X	X	STD
CANADA BASIN	CB678	72	58.62	144	27.70	76	03	10	18	745	?	X	X	STD
CANADA BASIN	CB680	72	58.33	144	28.82	76	03	11	06	744	?	X	X	STD
CANADA BASIN	CB682	72	58.31	144	28.67	76	03	11	18	745	?	X	X	STD
CANADA BASIN	CB684	72	58.14	144	29.24	76	03	12	06	745	?	X	X	STD
CANADA BASIN	CB686	72	58.07	144	29.28	76	03	12	20	745	?	X	X	STD
CANADA BASIN	CB687	72	58.08	144	29.43	76	03	12	22	131	?	X	X	STD
CANADA BASIN	CB688	72	58.05	144	28.64	76	03	13	06	744	?	X	X	STD
CANADA BASIN	CB690	72	57.80	144	29.37	76	03	13	18	746	?	X	X	STD
CANADA BASIN	CB692	72	56.88	144	27.25	76	03	14	06	745	?	X	X	STD
CANADA BASIN	CB694	72	56.21	144	25.91	76	03	14	10	129	?	X	X	STD
CANADA BASIN	CB696	72	55.05	144	23.84	76	03	14	18	744	?	X	X	STD
CANADA BASIN	CB698	72	52.51	144	20.53	76	03	15	06	495	?	X	X	STD
CANADA BASIN	CB700	72	51.44	144	18.82	76	03	15	11	346	?	X	X	STD
CANADA BASIN	CB702	72	49.73	144	16.70	76	03	15	18	744	?	X	X	STD
CANADA BASIN	CB704	72	48.69	144	15.21	76	03	15	23	149	?	X	X	STD
CANADA BASIN	CB706	72	48.26	144	14.62	76	03	16	06	744	?	X	X	STD
CANADA BASIN	CB708	72	47.62	144	14.71	76	03	16	18	744	?	X	X	STD
CANADA BASIN	CB710	72	44.90	144	14.03	76	03	17	06	743	?	X	X	STD
CANADA BASIN	CB712	72	43.39	144	10.21	76	03	17	18	743	?	X	X	STD
CANADA BASIN	CB714	72	43.34	144	9.85	76	03	18	06	744	?	X	X	STD
CANADA BASIN	CB716	72	43.34	144	9.94	76	03	18	18	745	?	X	X	STD
CANADA BASIN	CB718	72	43.33	144	10.00	76	03	19	06	745	?	X	X	STD
CANADA BASIN	CB720	72	43.35	144	10.10	76	03	19	18	745	?	X	X	STD
CANADA BASIN	CB722	72	43.36	144	9.92	76	03	20	06	126	?	X	X	STD
CANADA BASIN	CB724	72	43.34	144	10.01	76	03	20	18	743	?	X	X	STD
CANADA BASIN	CB727	72	43.36	144	9.76	76	03	21	07	394	?	X	X	STD
CANADA BASIN	CB729	72	43.34	144	9.85	76	03	22	06	744	?	X	X	STD
CANADA BASIN	CB731	72	43.33	144	10.03	76	03	22	18	744	?	X	X	STD
CANADA BASIN	CB733	72	43.30	144	9.84	76	03	23	18	746	?	X	X	STD
CANADA BASIN	CB735	72	43.33	144	9.68	76	03	24	06	745	?	X	X	STD
CANADA BASIN	CB737	72	43.34	144	9.82	76	03	24	18	744	?	X	X	STD
CANADA BASIN	CB739	72	43.37	144	9.74	76	03	25	18	745	?	X	X	STD
CANADA BASIN	CB741	72	43.37	144	9.60	76	03	26	06	744	?	X	X	STD
CANADA BASIN	CB743	72	43.36	144	9.47	76	03	26	18	744	?	X	X	STD
CANADA BASIN	CB745	72	43.38	144	9.53	76	03	27	08	745	?	X	X	STD
CANADA BASIN	CB747	72	43.34	144	9.58	76	03	27	18	746	?	X	X	STD
CANADA BASIN	CB749	72	43.33	144	9.72	76	03	28	06	741	?	X	X	STD
CANADA BASIN	CB751	72	43.36	144	9.55	76	03	28	18	745	?	X	X	STD
CANADA BASIN	CB753	72	43.37	144	9.47	76	03	29	07	745	?	X	X	STD
CANADA BASIN	CB757	72	43.37	144	9.56	76	03	30	06	745	?	X	X	STD
CANADA BASIN	CB759	72	43.38	144	9.55	76	03	30	18	745	?	X	X	STD
CANADA BASIN	CB761	72	43.36	144	9.50	76	03	31	06	745	?	X	X	STD
CANADA BASIN	CB763	72	43.36	144	9.46	76	03	31	18	744	?	X	X	STD
CANADA BASIN	CB765	72	43.36	144	9.03	76	04	01	06	745	?	X	X	STD
CANADA BASIN	CB767	72	43.37	144	9.54	76	04	01	18	745	?	X	X	STD
CANADA BASIN	CB769	72	43.36	144	9.53	76	04	02	06	745	?	X	X	STD
CANADA BASIN	CB771	72	43.36	144	9.53	76	04	02	18	744	?	X	X	STD
CANADA BASIN	CB773	72	43.36	144	9.46	76	04	03	06	745	?	X	X	STD
CANADA BASIN	CB775	72	43.36	144	9.43	76	04	03	18	745	?	X	X	STD
CANADA BASIN	CB777	72	43.37	144	9.64	76	04	04	06	745	?	X	X	STD
CANADA BASIN	CB779	72	43.36	144	9.42	76	04	04	18	994	?	X	X	STD
CANADA BASIN	CB781	72	42.99	144	13.43	76	04	05	06	744	?	X	X	STD
CANADA BASIN	CB783	72	42.83	144	15.45	76	04	05	18	744	?	X	X	STD
CANADA BASIN	CB785	72	42.80	144	17.08	76	04	06	06	745	?	X	X	STD
CANADA BASIN	CB787	72	42.88	144	17.92	76	04	06	18	745	?	X	X	STD
CANADA BASIN	CB790	72	42.85	144	17.65	76	04	07	06	745	?	X	X	STD
CANADA BASIN	CB792	72	42.84	144	17.73	76	04	07	18	745	?	X	X	STD
CANADA BASIN	CB794	72	42.84	144	17.40	76	04	08	06	744	?	X	X	STD
CANADA BASIN	CB796	72	43.31	144	18.99	76	04	08	18	745	?	X	X	STD
CANADA BASIN	CB798	72	45.33	144	23.24	76	04	09	06	744	?	X	X	STD
CANADA BASIN	CB800	72	44.21	144	25.90	76	04	10	06	744	?	X	X	STD
CANADA BASIN	CB802	72	43.40	144	29.14	76	04	10	19	745	?	X	X	STD
CANADA BASIN	CB804	72	43.07	144	33.55	76	04	11	06	744	?	X	X	STD
CANADA BASIN	CB806	72	43.46	144	43.60	76	04	11	18	992	?	X	X	STD
CANADA BASIN	CB808	72	44.36	144	53.27	76	04	12	06	743	?	X	X	STD
CANADA BASIN	CB810	72	44.57	144	55.54	76	04	12	18	744	?	X	X	STD
CANADA BASIN	CB812	72	44.38	144	54.29	76	04	13	06	744	?	X	X	STD
CANADA BASIN	CB814	72	44.18	144	52.36	76	04	13	18	744	?	X	X	STD
CANADA BASIN	CB818	72	44.99	144	33.18	76	04	15	18	744	?	X	X	STD
CANADA BASIN	CB820	72	45.88	144	26.17	75	04	16	18	744	?	X	X	STD
CANADA BASIN	CB822	72	45.52	144	26.15	76	04	17	18	743	?	X	X	STD
CANADA BASIN	CB824	72	45.50	144	27.26	76	04	18	06	744	?	X	X	STD
CANADA BASIN	CB826	72	45.40	144	29.11	76	04	18	18	993	?	X	X	STD

CANADA BASIN	CB828	72	45.08	144	34.19	76	04	19	06	744	?	X	X	STD
CANADA BASIN	CB830	72	44.69	144	37.49	76	04	19	18	743	?	X	X	STD
CANADA BASIN	CB832	72	44.03	144	42.31	76	04	20	06	744	?	X	X	STD
CANADA BASIN	CB834	72	43.91	144	43.25	76	04	20	18	744	?	X	X	STD
CANADA BASIN	CB836	72	43.60	144	48.07	76	04	21	06	743	?	X	X	STD
CANADA BASIN	CB838	72	43.57	144	48.63	76	04	21	18	744	?	X	X	STD
CANADA BASIN	CB840	72	43.52	144	52.98	76	04	22	06	744	?	X	X	STD
CANADA BASIN	CB842	72	43.51	144	52.97	76	04	22	18	744	?	X	X	STD
CANADA BASIN	CB844	72	43.53	144	53.30	76	04	23	06	744	?	X	X	STD
CANADA BASIN	CB846	72	43.58	144	53.75	76	04	23	18	744	?	X	X	STD
CANADA BASIN	CB848	72	43.69	144	57.79	76	04	24	18	744	?	X	X	STD
CANADA BASIN	CB849	72	44.21	145	3.30	76	04	25	06	743	?	X	X	STD
CANADA BASIN	CB852	72	44.90	145	6.95	76	04	25	18	247	?	X	X	STD
CANADA BASIN	BF 1	77	16.99	143	30.88	75	05	10	19	729	?	X	X	STD
CANADA BASIN	BF 2	77	13.30	143	23.24	75	05	11	20	730	?	X	X	STD
CANADA BASIN	BF 3	77	8.46	143	23.36	75	05	13	01	732	?	X	X	STD
CANADA BASIN	BF 4	77	5.09	143	25.78	75	05	13	19	730	?	X	X	STD
CANADA BASIN	BF 5	77	1.06	143	12.87	75	05	14	21	731	?	X	X	STD
CANADA BASIN	BF 6	76	57.16	143	3.42	75	05	15	18	730	?	X	X	STD
CANADA BASIN	BF 7	76	56.06	143	3.44	75	05	16	18	731	?	X	X	STD
CANADA BASIN	BF 8	76	59.10	143	14.76	75	05	17	18	728	?	X	X	STD
CANADA BASIN	BF 9	76	59.59	143	33.49	75	05	18	18	729	?	X	X	STD
CANADA BASIN	BF 10	76	56.93	143	45.47	75	05	19	18	729	?	X	X	STD
CANADA BASIN	BF 11	76	55.00	143	47.89	75	05	20	18	731	?	X	X	STD
CANADA BASIN	BF 12	76	55.04	143	40.64	75	05	21	18	731	?	X	X	STD
CANADA BASIN	BF 13	76	57.17	143	29.38	75	05	22	18	727	?	X	X	STD
CANADA BASIN	BF 14	76	57.37	143	18.76	75	05	23	18	729	?	X	X	STD
CANADA BASIN	BF 15	76	56.26	143	13.72	75	05	24	18	729	?	X	X	STD
CANADA BASIN	BF 16	76	57.29	143	12.26	75	05	25	18	729	?	X	X	STD
CANADA BASIN	BF 17	76	58.04	143	25.31	75	05	26	18	729	?	X	X	STD
CANADA BASIN	BF 18	76	58.21	143	45.62	75	05	27	18	738	?	X	X	STD
CANADA BASIN	BF 19	77	0.10	144	8.12	75	05	28	18	728	?	X	X	STD
CANADA BASIN	BF 20	77	3.84	144	32.15	75	05	29	23	728	?	X	X	STD
CANADA BASIN	BF 21	77	5.66	144	43.43	75	05	30	18	747	?	X	X	STD
CANADA BASIN	BF 22	77	6.32	144	52.57	75	05	31	18	730	?	X	X	STD
CANADA BASIN	BF 23	77	6.29	145	5.32	75	06	01	18	752	?	X	X	STD
CANADA BASIN	BF 24	77	6.26	145	16.54	75	06	02	18	729	?	X	X	STD
CANADA BASIN	BF 25	77	6.97	145	26.74	75	06	03	18	730	?	X	X	STD
CANADA BASIN	BF 26	77	7.40	145	42.47	75	06	04	18	735	?	X	X	STD
CANADA BASIN	BF 27	77	6.17	145	57.07	75	06	05	18	735	?	X	X	STD
CANADA BASIN	BF 28	77	3.97	146	8.78	75	06	06	18	733	?	X	X	STD
CANADA BASIN	BF 29	77	1.68	146	18.87	75	06	07	18	731	?	X	X	STD
CANADA BASIN	BF 30	76	57.92	146	24.25	75	06	08	18	200	?	X	X	STD
CANADA BASIN	BF 31	76	54.25	146	21.28	75	06	09	18	729	?	X	X	STD
CANADA BASIN	BF 32	76	52.52	146	15.02	75	06	10	18	731	?	X	X	STD
CANADA BASIN	BF 33	76	51.69	146	9.91	75	06	11	18	731	?	X	X	STD
CANADA BASIN	BF 34	76	49.61	146	8.20	75	06	12	18	731	?	X	X	STD
CANADA BASIN	BF 35	76	48.05	146	13.95	75	06	13	18	731	?	X	X	STD
CANADA BASIN	BF 36	76	47.74	146	15.88	75	06	14	18	730	?	X	X	STD
CANADA BASIN	BF 37	76	48.65	146	19.73	75	06	15	18	732	?	X	X	STD
CANADA BASIN	BF 38	76	48.39	146	24.83	75	06	16	18	731	?	X	X	STD
CANADA BASIN	BF 39	76	51.53	146	38.75	75	06	17	18	732	?	X	X	STD
CANADA BASIN	BF 40	76	49.72	147	0.44	75	06	18	18	732	?	X	X	STD
CANADA BASIN	BF 41	76	46.33	147	7.54	75	06	19	18	732	?	X	X	STD
CANADA BASIN	BF 42	76	44.96	147	12.91	75	06	20	18	730	?	X	X	STD
CANADA BASIN	BF 43	76	44.61	147	13.27	75	06	21	18	732	?	X	X	STD
CANADA BASIN	BF 44	76	48.40	147	14.20	75	06	22	18	731	?	X	X	STD
CANADA BASIN	BF 45	76	49.84	147	23.15	75	06	23	18	732	?	X	X	STD
CANADA BASIN	BF 46	76	50.21	147	28.79	75	06	24	18	732	?	X	X	STD
CANADA BASIN	BF 47	76	49.00	147	19.57	75	06	25	18	731	?	X	X	STD
CANADA BASIN	BF 48	76	48.41	147	10.03	75	06	26	18	733	?	X	X	STD
CANADA BASIN	BF 49	76	49.84	147	12.90	75	06	27	18	730	?	X	X	STD
CANADA BASIN	BF 50	76	50.55	146	57.25	75	06	28	18	731	?	X	X	STD
CANADA BASIN	BF 51	76	48.14	146	35.59	75	06	29	18	730	?	X	X	STD
CANADA BASIN	BF 52	76	53.20	146	28.87	75	06	30	18	731	?	X	X	STD
CANADA BASIN	BF 53	76	54.53	146	12.27	75	07	01	18	732	?	X	X	STD
CANADA BASIN	BF 54	76	53.28	146	5.51	75	07	02	18	727	?	X	X	STD
CANADA BASIN	BF 55	76	54.20	145	38.98	75	07	03	18	731	?	X	X	STD
CANADA BASIN	BF 56	76	52.63	145	18.83	75	07	04	18	732	?	X	X	STD
CANADA BASIN	BF 57	76	47.11	144	53.35	75	07	05	18	730	?	X	X	STD
CANADA BASIN	BF 58	76	42.04	144	31.34	75	07	06	18	732	?	X	X	STD
CANADA BASIN	BF 59	76	43.31	144	8.73	75	07	07	18	731	?	X	X	STD
CANADA BASIN	BF 60	76	39.91	143	54.21	75	07	08	18	729	?	X	X	STD
CANADA BASIN	BF 61	76	42.12	143	41.67	75	07	09	18	731	?	X	X	STD
CANADA BASIN	BF 62	76	38.87	143	2.38	75	07	10	18	729	?	X	X	STD
CANADA BASIN	BF 63	76	36.05	142	50.20	75	07	11	18	731	?	X	X	STD
CANADA BASIN	BF 64	76	36.24	142	46.61	75	07	12	18	731	?	X	X	STD
CANADA BASIN	BF 65	76	37.52	142	50.87	75	07	13	18	730	?	X	X	STD
CANADA BASIN	BF 66	76	37.54	142	48.28	75	07	14	18	733	?	X	X	STD
CANADA BASIN	BF 67	76	35.15	142	51.97	75	07	15	18	731	?	X	X	STD
CANADA BASIN	BF 68	76	28.04	142	46.21	75	07	16	19	731	?	X	X	STD
CANADA BASIN	BF 69	76	24.53	142	40.51	75	07	17	18	731	?	X	X	STD
CANADA BASIN	BF 70	76	20.31	142	35.71	75	07	18	18	729	?	X	X	STD

CANADA BASIN	BF 71	76	13.73	142	38.59	75	07	19	18	730	?	X	X STD
CANADA BASIN	BF 72	76	7.52	142	31.96	75	07	20	18	733	?	X	X STD
CANADA BASIN	BF 73	75	59.74	142	35.29	75	07	21	18	731	?	X	X STD
CANADA BASIN	BF 74	75	53.08	142	37.03	75	07	22	18	730	?	X	X STD
CANADA BASIN	BF 75	75	48.26	142	41.90	75	07	23	18	731	?	X	X STD
CANADA BASIN	BF 76	75	44.86	142	48.04	75	07	24	18	731	?	X	X STD
CANADA BASIN	BF 77	75	42.43	142	53.61	75	07	25	18	731	?	X	X STD
CANADA BASIN	BF 78	75	40.48	142	56.87	75	07	26	18	728	?	X	X STD
CANADA BASIN	BF 79	75	38.59	142	55.93	75	07	27	18	731	?	X	X STD
CANADA BASIN	BF 80	75	36.32	142	50.77	75	07	28	18	731	?	X	X STD
CANADA BASIN	BF 81	75	33.27	142	24.05	75	07	29	18	730	?	X	X STD
CANADA BASIN	BF 82	75	25.81	142	3.23	75	07	30	18	731	?	X	X STD
CANADA BASIN	BF 83	75	20.06	141	41.20	75	07	31	18	729	?	X	X STD
CANADA BASIN	BF 84	75	14.61	141	19.85	75	08	01	18	730	?	X	X STD
CANADA BASIN	BF 86	75	10.36	141	10.39	75	08	02	18	731	?	X	X STD
CANADA BASIN	BF 88	75	7.28	140	59.58	75	08	03	18	731	?	X	X STD
CANADA BASIN	BF 90	75	6.04	140	38.75	75	08	04	21	728	?	X	X STD
CANADA BASIN	BF 92	75	6.77	140	10.92	75	08	06	04	728	?	X	X STD
CANADA BASIN	BF 94	75	5.53	140	7.43	75	08	06	18	733	?	X	X STD
CANADA BASIN	BF 96	75	4.70	139	59.57	75	08	07	18	728	?	X	X STD
CANADA BASIN	BF 97	75	4.66	139	47.50	75	08	08	18	732	?	X	X STD
CANADA BASIN	BF 98	75	2.62	139	11.37	75	08	09	18	731	?	X	X STD
CANADA BASIN	BF 99	74	57.28	138	49.06	75	08	10	18	733	?	X	X STD
CANADA BASIN	BF100	74	53.91	138	30.65	75	08	11	18	731	?	X	X STD
CANADA BASIN	BF101	74	50.48	138	5.90	75	08	12	18	732	?	X	X STD
CANADA BASIN	BF102	74	53.98	137	46.93	75	08	13	18	727	?	X	X STD
CANADA BASIN	BF103	74	50.36	137	15.41	75	08	14	18	727	?	X	X STD
CANADA BASIN	BF104	74	49.82	137	8.12	75	08	15	18	728	?	X	X STD
CANADA BASIN	BF105	74	48.29	137	3.25	75	08	16	18	731	?	X	X STD
CANADA BASIN	BF106	74	43.10	137	7.94	75	08	17	18	731	?	X	X STD
CANADA BASIN	BF107	74	40.53	137	12.83	75	08	18	18	731	?	X	X STD
CANADA BASIN	BF108	74	39.00	137	22.78	75	08	19	18	676	?	X	X STD
CANADA BASIN	BF109	74	40.96	137	46.88	75	08	20	18	731	?	X	X STD
CANADA BASIN	BF110	74	42.04	138	6.70	75	08	21	18	732	?	X	X STD
CANADA BASIN	BF112	74	40.05	138	11.60	75	08	22	18	730	?	X	X STD
CANADA BASIN	BF114	74	35.86	138	10.00	75	08	23	18	738	?	X	X STD
CANADA BASIN	BF116	74	35.79	138	14.04	75	08	24	18	733	?	X	X STD
CANADA BASIN	BF118	74	34.43	137	56.14	75	08	25	18	733	?	X	X STD
CANADA BASIN	BF120	74	35.95	137	54.50	75	08	26	18	733	?	X	X STD
CANADA BASIN	BF122	74	33.06	137	30.74	75	08	27	18	730	?	X	X STD
CANADA BASIN	BF124	74	24.58	136	59.27	75	08	28	18	732	?	X	X STD
CANADA BASIN	BF126	74	22.21	136	40.33	75	08	30	?	731	?	X	X STD
CANADA BASIN	BF128	74	16.54	136	35.06	75	08	30	18	733	?	X	X STD
CANADA BASIN	BF130	74	10.82	136	30.99	75	08	31	18	737	?	X	X STD
CANADA BASIN	BF132	74	3.47	136	13.08	75	09	01	18	735	?	X	X STD
CANADA BASIN	BF134	74	0.66	136	13.29	75	09	02	18	729	?	X	X STD
CANADA BASIN	BF136	74	0.92	136	13.02	75	09	03	18	733	?	X	X STD
CANADA BASIN	BF138	74	1.52	136	5.18	75	09	04	18	734	?	X	X STD
CANADA BASIN	BF140	73	58.79	136	6.16	75	09	05	18	735	?	X	X STD
CANADA BASIN	BF142	73	54.37	136	17.95	75	09	06	18	734	?	X	X STD
CANADA BASIN	BF144	73	52.00	136	28.57	75	09	07	18	149	?	X	X STD
CANADA BASIN	BF146	73	50.22	136	15.88	75	09	08	18	733	?	X	X STD
CANADA BASIN	BF150	73	48.92	135	21.28	75	09	10	18	731	?	X	X STD
CANADA BASIN	BF152	73	49.90	135	3.11	75	09	11	18	733	?	X	X STD
CANADA BASIN	BF154	73	50.68	134	47.65	75	09	12	18	729	?	X	X STD
CANADA BASIN	BF156	73	50.53	134	32.08	75	09	13	18	481	?	X	X STD
CANADA BASIN	BF158	73	49.10	134	21.58	75	09	14	18	731	?	X	X STD
CANADA BASIN	BF160	73	48.38	134	32.18	75	09	15	18	731	?	X	X STD
CANADA BASIN	BF162	73	49.41	134	41.47	75	09	16	18	730	?	X	X STD
CANADA BASIN	BF164	73	50.73	134	45.06	75	09	17	18	483	?	X	X STD
CANADA BASIN	BF166	73	54.19	134	39.23	75	09	18	18	731	?	X	X STD
CANADA BASIN	BF168	73	50.55	134	58.46	75	09	19	18	239	?	X	X STD
CANADA BASIN	BF170	73	47.81	134	57.23	75	09	20	18	729	?	X	X STD
CANADA BASIN	BF172	73	46.61	134	33.28	75	09	21	18	729	?	X	X STD
CANADA BASIN	BF174	73	42.88	134	12.50	75	09	22	18	730	?	X	X STD
CANADA BASIN	BF176	73	40.46	134	24.44	75	09	23	18	730	?	X	X STD
CANADA BASIN	BF178	73	36.34	134	11.39	75	09	24	18	727	?	X	X STD
CANADA BASIN	BF180	73	30.79	134	0.16	75	09	25	18	730	?	X	X STD
CANADA BASIN	BF182	73	26.56	133	59.88	75	09	26	18	730	?	X	X STD
CANADA BASIN	BF184	73	23.69	133	55.08	75	09	27	18	731	?	X	X STD
CANADA BASIN	BF186	73	21.70	133	50.12	75	09	28	18	741	?	X	X STD
CANADA BASIN	BF188	73	20.66	133	51.68	75	09	29	18	741	?	X	X STD
CANADA BASIN	BF190	73	21.98	134	0.70	75	09	30	18	740	?	X	X STD
CANADA BASIN	BF192	73	23.52	134	20.38	75	10	01	18	732	?	X	X STD
CANADA BASIN	BF194	73	24.24	134	36.31	75	10	02	18	732	?	X	X STD
CANADA BASIN	BF198	73	30.16	135	3.57	75	10	04	18	729	?	X	X STD
CANADA BASIN	BF200	73	32.18	135	14.44	75	10	05	18	742	?	X	X STD
CANADA BASIN	BF202	73	32.99	135	21.99	75	10	06	18	740	?	X	X STD
CANADA BASIN	BF204	73	30.76	135	25.53	75	10	07	18	728	?	X	X STD
CANADA BASIN	BF206	73	27.33	135	23.74	75	10	08	18	730	?	X	X STD
CANADA BASIN	BF208	73	25.92	135	21.61	75	10	09	18	732	?	X	X STD
CANADA BASIN	BF210	73	24.70	135	20.63	75	10	10	18	730	?	X	X STD
CANADA BASIN	BF212	73	22.72	135	24.20	75	10	11	18	742	?	X	X STD

CANADA BASIN	BF214	73	22.29	135	9.93	75	10	12	18	731	?	X		X	STD
CANADA BASIN	BF216	73	21.41	135	15.71	75	10	13	18	731	?	X		X	STD
CANADA BASIN	BF218	73	18.89	135	26.15	75	10	14	18	731	?	X		X	STD
CANADA BASIN	BF220	73	21.11	135	42.71	75	10	15	18	730	?	X		X	STD
CANADA BASIN	BF222	73	24.23	136	0.33	75	10	16	18	729	?	X		X	STD
CANADA BASIN	BF224	73	23.47	136	0.85	75	10	17	18	741	?	X		X	STD
CANADA BASIN	BF226	73	20.47	136	4.32	75	10	18	18	741	?	X		X	STD
CANADA BASIN	BF228	73	20.06	136	20.72	75	10	19	18	740	?	X		X	STD
CANADA BASIN	BF230	73	21.24	136	30.31	75	10	20	18	728	?	X		X	STD
CANADA BASIN	BF232	73	21.89	136	34.01	75	10	21	18	731	?	X		X	STD
CANADA BASIN	BF234	73	21.66	136	36.13	75	10	22	18	729	?	X		X	STD
CANADA BASIN	BF236	73	21.12	136	38.52	75	10	23	18	731	?	X		X	STD
CANADA BASIN	BF238	73	29.85	136	54.11	75	10	24	18	730	?	X		X	STD
CANADA BASIN	BF240	73	29.54	136	47.75	75	10	25	18	730	?	X		X	STD
CANADA BASIN	BF242	73	25.87	136	32.20	75	10	26	18	731	?	X		X	STD
CANADA BASIN	BF244	73	22.54	136	16.88	75	10	27	18	731	?	X		X	STD
CANADA BASIN	BF246	73	18.13	136	13.31	75	10	28	18	730	?	X		X	STD
CANADA BASIN	BF248	73	9.22	136	26.33	75	10	29	18	727	?	X		X	STD
CANADA BASIN	BF250	73	0.62	136	22.82	75	10	30	18	730	?	X		X	STD
CANADA BASIN	BF252	72	57.71	136	23.06	75	10	31	18	730	?	X		X	STD
CANADA BASIN	BF254	72	56.98	136	18.72	75	11	01	18	730	?	X		X	STD
CANADA BASIN	BF260	72	57.68	136	20.05	75	11	04	18	730	?	X		X	STD
CANADA BASIN	BF262	72	58.70	136	21.33	75	11	05	18	159	?	X		X	STD
CANADA BASIN	BF264	72	59.48	136	16.99	75	11	06	18	734	?	X		X	STD
CANADA BASIN	BF266	73	1.02	136	10.48	75	11	07	18	732	?	X		X	STD
CANADA BASIN	BF268	73	3.01	136	12.54	75	11	08	18	731	?	X		X	STD
CANADA BASIN	BF270	73	2.72	136	7.60	75	11	09	18	739	?	X		X	STD
CANADA BASIN	BF272	73	1.14	136	5.19	75	11	10	18	729	?	X		X	STD
CANADA BASIN	BF274	73	0.07	136	3.72	75	11	11	18	730	?	X		X	STD
CANADA BASIN	BF276	72	59.75	136	7.46	75	11	12	18	732	?	X		X	STD
CANADA BASIN	BF278	72	57.69	136	24.65	75	11	13	18	732	?	X		X	STD
CANADA BASIN	BF280	72	52.70	136	34.33	75	11	14	18	732	?	X		X	STD
CANADA BASIN	BF282	72	49.61	136	27.71	75	11	15	18	729	?	X		X	STD
CANADA BASIN	BF284	72	47.75	136	18.42	75	11	16	18	731	?	X		X	STD
CANADA BASIN	BF288	72	47.58	136	16.45	75	11	18	18	732	?	X		X	STD
CANADA BASIN	BF290	72	47.57	136	16.36	75	11	19	18	731	?	X		X	STD
CANADA BASIN	BF292	72	48.89	136	19.16	75	11	20	18	732	?	X		X	STD
CANADA BASIN	BF294	72	53.80	136	23.67	75	11	21	18	730	?	X		X	STD
CANADA BASIN	BF296	73	1.34	136	29.69	75	11	22	18	734	?	X		X	STD
CANADA BASIN	BF298	72	55.51	136	59.77	75	12	20	18	730	?	X		X	STD
CANADA BASIN	BF299	72	55.33	136	58.40	75	12	21	18	731	?	X		X	STD
CANADA BASIN	BF300	72	55.76	137	1.01	75	12	22	18	732	?	X		X	STD
CANADA BASIN	BF302	72	56.45	137	5.56	75	12	23	18	732	?	X		X	STD
CANADA BASIN	BF304	72	55.53	137	3.91	75	12	24	18	731	?	X		X	STD
CANADA BASIN	BF306	72	54.86	137	2.04	75	12	25	18	733	?	X		X	STD
CANADA BASIN	BF308	72	54.79	137	2.09	75	12	26	18	730	?	X		X	STD
CANADA BASIN	BF310	72	55.27	137	8.06	75	12	27	18	733	?	X		X	STD
CANADA BASIN	BF312	72	57.28	137	21.98	75	12	28	18	733	?	X		X	STD
CANADA BASIN	BF313	72	57.39	137	19.37	75	12	29	18	730	?	X		X	STD
CANADA BASIN	BF314	72	55.42	137	9.10	75	12	30	18	732	?	X		X	STD
CANADA BASIN	BF316	72	55.90	137	10.27	75	12	31	18	731	?	X		X	STD
CANADA BASIN	BF318	72	59.22	137	20.53	76	01	01	18	733	?	X		X	STD
CANADA BASIN	BF320	72	59.28	137	22.57	76	01	02	18	750	?	X		X	STD
CANADA BASIN	BF322	73	2.99	137	35.64	76	01	03	18	730	?	X		X	STD
CANADA BASIN	BF324	73	8.66	137	43.52	76	01	04	18	730	?	X		X	STD
CANADA BASIN	BF326	73	11.27	137	51.14	76	01	05	18	735	?	X		X	STD
CANADA BASIN	BF328	73	10.30	137	49.69	76	01	06	18	733	?	X		X	STD
CANADA BASIN	BF330	73	11.03	137	49.02	76	01	07	18	733	?	X		X	STD
CANADA BASIN	BF332	73	10.86	137	51.09	76	01	08	18	731	?	X		X	STD
CANADA BASIN	BF334	73	8.12	137	50.38	76	01	09	19	729	?	X		X	STD
CANADA BASIN	BF336	73	5.57	137	39.82	76	01	10	18	730	?	X		X	STD
CANADA BASIN	BF338	73	2.46	137	21.79	76	01	11	18	730	?	X		X	STD
CANADA BASIN	BF340	72	58.49	137	11.34	76	01	12	18	730	?	X		X	STD
CANADA BASIN	BF342	72	58.51	137	11.27	76	01	13	18	729	?	X		X	STD
CANADA BASIN	BF344	72	58.76	137	12.04	76	01	14	18	735	?	X		X	STD
CANADA BASIN	BF346	73	0.80	137	15.16	76	01	15	18	731	?	X		X	STD
CANADA BASIN	BF348	72	59.00	137	8.98	76	01	16	18	732	?	X		X	STD
CANADA BASIN	BF350	72	58.88	137	10.91	76	01	17	18	730	?	X		X	STD
CANADA BASIN	BF352	72	58.00	137	11.59	76	01	18	18	730	?	X		X	STD
CANADA BASIN	BF354	72	57.28	137	9.23	76	01	19	18	731	?	X		X	STD
CANADA BASIN	BF356	72	56.75	137	3.88	76	01	20	18	731	?	X		X	STD
CANADA BASIN	BF358	72	56.47	137	5.28	76	01	21	18	730	?	X		X	STD
CANADA BASIN	BF360	72	55.41	137	13.34	76	01	22	18	732	?	X		X	STD
CANADA BASIN	BF362	72	54.22	137	14.39	76	01	23	18	732	?	X		X	STD
CANADA BASIN	BF364	72	53.49	137	10.86	76	01	24	18	732	?	X		X	STD
CANADA BASIN	BF366	72	53.23	137	10.16	76	01	25	18	737	?	X		X	STD
CANADA BASIN	BF368	72	53.15	137	10.16	76	01	26	18	731	?	X		X	STD
CANADA BASIN	BF370	72	53.15	137	10.14	76	01	27	18	728	?	X		X	STD
CANADA BASIN	BF372	72	53.15	137	10.21	76	01	28	18	730	?	X		X	STD
CANADA BASIN	BF374	72	53.17	137	10.21	76	01	29	18	731	?	X		X	STD
CANADA BASIN	BF376	72	54.62	137	21.03	76	01	30	18	730	?	X		X	STD
CANADA BASIN	BF378	72	57.01	137	43.48	76	01	31	18	728	?	X		X	STD
CANADA BASIN	BF380	72	58.05	137	48.86	76	02	01	18	728	?	X		X	STD

CANADA BASIN	BF382	72	57.37	137	44.69	76	02	02	18	731	?	X	X	STD
CANADA BASIN	BF384	72	56.79	137	36.74	76	02	03	18	732	?	X	X	STD
CANADA BASIN	BF386	72	56.10	137	36.13	76	02	04	18	729	?	X	X	STD
CANADA BASIN	BF388	72	55.77	137	36.73	76	02	05	18	732	?	X	X	STD
CANADA BASIN	BF400	72	47.18	136	57.98	76	02	11	18	731	?	X	X	STD
CANADA BASIN	BF402	72	47.18	136	57.95	76	02	12	18	731	?	X	X	STD
CANADA BASIN	BF404	72	47.17	136	57.87	76	02	13	18	729	?	X	X	STD
CANADA BASIN	BF406	72	47.17	136	57.99	76	02	14	18	732	?	X	X	STD
CANADA BASIN	BF408	72	47.17	136	58.06	76	02	15	18	733	?	X	X	STD
CANADA BASIN	BF410	72	47.15	136	57.97	76	02	16	18	730	?	X	X	STD
CANADA BASIN	BF412	72	47.16	136	57.95	76	02	17	18	731	?	X	X	STD
CANADA BASIN	BF414	72	47.16	136	57.98	76	02	18	18	731	?	X	X	STD
CANADA BASIN	BF416	72	47.15	136	58.00	76	02	19	18	730	?	X	X	STD
CANADA BASIN	BF418	72	47.17	136	58.03	76	02	20	18	731	?	X	X	STD
CANADA BASIN	BF420	72	47.16	136	58.00	76	02	21	18	731	?	X	X	STD
CANADA BASIN	BF421	72	47.16	136	57.90	76	02	22	18	733	?	X	X	STD
CANADA BASIN	BF422	72	47.17	136	57.99	76	02	23	18	732	?	X	X	STD
CANADA BASIN	BF423	72	47.16	136	57.94	76	02	24	18	731	?	X	X	STD
CANADA BASIN	BF424	72	47.15	136	58.10	76	02	25	18	729	?	X	X	STD
CANADA BASIN	BF425	72	47.15	136	58.12	76	02	26	18	730	?	X	X	STD
CANADA BASIN	BF426	72	48.07	136	56.81	76	02	27	18	732	?	X	X	STD
CANADA BASIN	BF427	72	47.81	136	56.23	76	02	28	18	729	?	X	X	STD
CANADA BASIN	BF428	72	48.58	136	58.60	76	02	29	18	731	?	X	X	STD
CANADA BASIN	BF429	72	50.12	137	2.43	76	03	01	18	732	?	X	X	STD
CANADA BASIN	BF430	72	49.69	137	0.91	76	03	02	18	731	?	X	X	STD
CANADA BASIN	BF431	72	48.82	137	1.01	76	03	03	18	175	?	X	X	STD
CANADA BASIN	BF432	72	49.78	137	15.27	76	03	04	18	729	?	X	X	STD
CANADA BASIN	BF433	72	48.24	137	16.51	76	03	05	18	730	?	X	X	STD
CANADA BASIN	BF434	72	47.48	137	12.81	76	03	06	18	728	?	X	X	STD
CANADA BASIN	BF435	72	47.49	137	13.86	76	03	07	18	730	?	X	X	STD
CANADA BASIN	BF436	72	47.94	137	21.76	76	03	08	18	727	?	X	X	STD
CANADA BASIN	BF438	72	48.10	137	23.37	76	03	09	18	484	?	X	X	STD
CANADA BASIN	BF440	72	48.10	137	23.36	76	03	10	18	730	?	X	X	STD
CANADA BASIN	BF442	72	48.10	137	23.29	76	03	11	18	725	?	X	X	STD
CANADA BASIN	BF444	72	48.10	137	23.56	76	03	12	18	729	?	X	X	STD
CANADA BASIN	BF446	72	48.09	137	23.34	76	03	13	18	728	?	X	X	STD
CANADA BASIN	BF447	72	47.42	137	20.30	76	03	14	18	728	?	X	X	STD
CANADA BASIN	BF448	72	45.35	137	13.77	76	03	15	18	729	?	X	X	STD
CANADA BASIN	BF450	72	45.05	137	13.29	76	03	16	18	727	?	X	X	STD
CANADA BASIN	BF452	72	43.42	137	10.27	76	03	17	18	729	?	X	X	STD
CANADA BASIN	BF454	72	43.39	137	9.84	76	03	18	18	728	?	X	X	STD
CANADA BASIN	BF456	72	43.39	137	9.87	76	03	19	18	728	?	X	X	STD
CANADA BASIN	BF458	72	43.39	137	9.81	76	03	20	18	728	?	X	X	STD
CANADA BASIN	BF460	72	43.39	137	9.94	76	03	21	18	733	?	X	X	STD
CANADA BASIN	BF462	72	43.03	137	9.35	76	03	22	18	728	?	X	X	STD
CANADA BASIN	BF464	72	43.03	137	9.30	76	03	23	18	727	?	X	X	STD
CANADA BASIN	BF466	72	43.08	137	9.20	76	03	24	18	729	?	X	X	STD
CANADA BASIN	BF468	72	43.08	137	8.66	76	03	25	18	729	?	X	X	STD
CANADA BASIN	BF470	72	43.04	137	9.25	76	03	26	18	728	?	X	X	STD
CANADA BASIN	BF472	72	43.02	137	9.12	76	03	27	18	676	?	X	X	STD
CANADA BASIN	BF474	72	43.03	137	9.06	76	03	28	18	728	?	X	X	STD
CANADA BASIN	BF476	72	43.04	137	9.29	76	03	29	18	728	?	X	X	STD
CANADA BASIN	BF478	72	43.04	137	8.99	76	03	30	18	727	?	X	X	STD
CANADA BASIN	BF480	72	43.05	137	9.16	76	03	31	18	727	?	X	X	STD
CANADA BASIN	BF482	72	43.05	137	9.35	76	04	01	18	728	?	X	X	STD
CANADA BASIN	BF484	72	43.03	137	9.22	76	04	02	18	728	?	X	X	STD
CANADA BASIN	BF486	72	43.04	137	9.28	76	04	03	18	733	?	X	X	STD
CANADA BASIN	BF488	72	43.04	137	9.18	76	04	04	18	726	?	X	X	STD
CANADA BASIN	BF490	72	43.04	137	9.42	76	04	05	18	728	?	X	X	STD
CANADA BASIN	BF492	72	43.06	137	9.39	76	04	06	18	730	?	X	X	STD
CANADA BASIN	BF494	72	43.05	137	9.38	76	04	07	18	728	?	X	X	STD
CANADA BASIN	BF496	72	43.06	137	9.36	76	04	08	18	676	?	X	X	STD
CANADA BASIN	BF498	72	46.95	137	15.51	76	04	09	18	727	?	X	X	STD
CANADA BASIN	BF500	72	46.61	137	19.19	76	04	10	18	728	?	X	X	STD
CANADA BASIN	BF502	72	45.68	137	19.67	76	04	11	18	726	?	X	X	STD
CANADA BASIN	BF504	72	46.96	137	32.08	76	04	12	18	727	?	X	X	STD
CANADA BASIN	BF506	72	46.56	137	30.39	76	04	13	18	727	?	X	X	STD
CANADA BASIN	BF508	72	47.11	137	30.38	76	04	14	18	725	?	X	X	STD
CANADA BASIN	BF510	72	46.48	137	18.32	76	04	15	18	729	?	X	X	STD
CANADA BASIN	BF512	72	47.11	137	14.72	76	04	16	18	728	?	X	X	STD
CANADA BASIN	BF514	72	47.18	137	16.27	76	04	17	18	728	?	X	X	STD
CANADA BASIN	BF516	72	47.29	137	19.12	76	04	18	18	726	?	X	X	STD
CANADA BASIN	BF518	72	46.63	137	25.95	76	04	19	18	725	?	X	X	STD
CANADA BASIN	BF520	72	46.00	137	25.50	76	04	20	18	676	?	X	X	STD
CANADA BASIN	SB 1	76	5.96	147	24.45	75	05	16	23	1090	?	X	X	STD
CANADA BASIN	SB 3	76	9.11	147	38.57	75	05	17	18	553	?	X	X	STD
CANADA BASIN	SB 5	76	9.65	148	2.33	75	05	18	18	553	?	X	X	STD
CANADA BASIN	SB 7	76	8.01	148	22.48	75	05	19	18	554	?	X	X	STD
CANADA BASIN	SB 9	76	6.41	148	21.92	75	05	20	18	555	?	X	X	STD
CANADA BASIN	SB 11	76	6.49	148	18.35	75	05	21	18	551	?	X	X	STD
CANADA BASIN	SB 13	76	8.72	148	11.89	75	05	22	18	546	?	X	X	STD
CANADA BASIN	SB 15	76	9.34	148	3.55	75	05	23	18	548	?	X	X	STD
CANADA BASIN	SB 17	76	8.65	147	58.75	75	05	24	18	549	?	X	X	STD

CANADA BASIN	SB 19	76	10.25	148	0.40	75	05	25	18	551	?	X	X	STD
CANADA BASIN	SB 21	76	10.26	148	15.94	75	05	26	18	541	?	X	X	STD
CANADA BASIN	SB 24	76	10.76	148	38.76	75	05	27	18	549	?	X	X	STD
CANADA BASIN	SB 26	76	13.65	149	2.99	75	05	28	18	538	?	X	X	STD
CANADA BASIN	SB 28	76	16.90	149	21.26	75	05	29	18	545	?	X	X	STD
CANADA BASIN	SB 30	76	20.52	149	38.16	75	05	30	18	541	?	X	X	STD
CANADA BASIN	SB 32	76	22.64	149	47.36	75	05	31	18	541	?	X	X	STD
CANADA BASIN	SB 34	76	23.54	149	57.92	75	06	01	18	547	?	X	X	STD
CANADA BASIN	SB 36	76	24.32	150	9.79	75	06	02	18	721	?	X	X	STD
CANADA BASIN	SB 38	76	25.34	150	20.45	75	06	03	18	721	?	X	X	STD
CANADA BASIN	SB 40	76	26.42	150	38.48	75	06	04	18	724	?	X	X	STD
CANADA BASIN	SB 42	76	25.97	150	54.94	75	06	05	18	723	?	X	X	STD
CANADA BASIN	SB 44	76	25.00	151	5.54	75	06	06	18	723	?	X	X	STD
CANADA BASIN	SB 46	76	23.54	151	14.27	75	06	07	18	722	?	X	X	STD
CANADA BASIN	SB 48	76	21.62	151	19.06	75	06	08	18	723	?	X	X	STD
CANADA BASIN	SB 50	76	19.59	151	18.10	75	06	09	18	724	?	X	X	STD
CANADA BASIN	SB 52	76	18.71	151	15.71	75	06	10	18	723	?	X	X	STD
CANADA BASIN	SB 54	76	18.35	151	10.80	75	06	11	18	719	?	X	X	STD
CANADA BASIN	SB 56	76	19.16	151	14.29	75	06	12	19	722	?	X	X	STD
CANADA BASIN	SB 58	76	18.73	151	22.82	75	06	13	18	721	?	X	X	STD
CANADA BASIN	SB 60	76	19.69	151	28.82	75	06	14	18	721	?	X	X	STD
CANADA BASIN	SB 62	76	20.95	151	34.13	75	06	15	18	721	?	X	X	STD
CANADA BASIN	SB 64	76	21.07	151	38.66	75	06	16	18	721	?	X	X	STD
CANADA BASIN	SB 66	76	24.53	151	59.66	75	06	17	18	720	?	X	X	STD
CANADA BASIN	SB 68	76	22.10	152	14.03	75	06	18	18	719	?	X	X	STD
CANADA BASIN	SB 70	76	20.49	152	19.88	75	06	19	18	722	?	X	X	STD
CANADA BASIN	SB 72	76	22.29	152	29.18	75	06	20	18	722	?	X	X	STD
CANADA BASIN	SB 74	76	25.85	152	35.20	75	06	21	18	717	?	X	X	STD
CANADA BASIN	SB 76	76	29.69	152	37.94	75	06	22	18	725	?	X	X	STD
CANADA BASIN	SB 78	76	31.73	152	46.64	75	06	23	18	721	?	X	X	STD
CANADA BASIN	SB 80	76	31.64	152	53.75	75	06	24	18	720	?	X	X	STD
CANADA BASIN	SB 82	76	31.45	152	42.97	75	06	26	?	718	?	X	X	STD
CANADA BASIN	SB 84	76	31.84	152	36.82	75	06	26	18	719	?	X	X	STD
CANADA BASIN	SB 86	76	34.67	152	37.91	75	06	27	18	719	?	X	X	STD
CANADA BASIN	SB 88	76	35.75	152	26.59	75	06	28	18	720	?	X	X	STD
CANADA BASIN	SB 90	76	35.59	152	8.72	75	06	29	18	724	?	X	X	STD
CANADA BASIN	SB 92	76	39.95	152	5.74	75	06	30	18	719	?	X	X	STD
CANADA BASIN	SB 94	76	39.85	151	51.18	75	07	01	18	720	?	X	X	STD
CANADA BASIN	SB 96	76	39.73	151	47.77	75	07	02	18	723	?	X	X	STD
CANADA BASIN	SB 98	76	41.44	151	19.08	75	07	03	18	724	?	X	X	STD
CANADA BASIN	SB100	76	38.83	150	56.97	75	07	04	18	717	?	X	X	STD
CANADA BASIN	SB102	76	34.31	150	36.70	75	07	05	18	710	?	X	X	STD
CANADA BASIN	SB104	76	30.70	150	12.92	75	07	06	18	719	?	X	X	STD
CANADA BASIN	SB108	76	30.51	149	36.23	75	07	08	18	720	?	X	X	STD
CANADA BASIN	SB110	76	30.59	148	51.08	75	07	10	18	720	?	X	X	STD
CANADA BASIN	SB112	76	29.21	148	43.57	75	07	11	18	717	?	X	X	STD
CANADA BASIN	SB114	76	34.03	148	50.29	75	07	13	18	719	?	X	X	STD
CANADA BASIN	SB116	76	34.03	148	50.16	75	07	14	18	719	?	X	X	STD
CANADA BASIN	SB118	76	32.96	148	56.21	75	07	15	19	720	?	X	X	STD
CANADA BASIN	SB120	76	29.18	148	52.74	75	07	16	18	711	?	X	X	STD
CANADA BASIN	SB122	76	26.12	148	45.68	75	07	17	18	719	?	X	X	STD
CANADA BASIN	SB124	76	23.53	148	42.23	75	07	18	18	720	?	X	X	STD
CANADA BASIN	SB126	76	19.05	148	46.86	75	07	19	18	721	?	X	X	STD
CANADA BASIN	SB128	76	15.83	148	45.74	75	07	20	18	720	?	X	X	STD
CANADA BASIN	SB130	76	7.81	148	51.45	75	07	21	18	719	?	X	X	STD
CANADA BASIN	SB132	75	49.34	149	27.78	75	07	28	18	729	?	X	X	STD
CANADA BASIN	SB134	75	43.18	149	3.52	75	07	29	18	719	?	X	X	STD
CANADA BASIN	SB136	75	35.27	148	52.39	75	07	30	18	720	?	X	X	STD
CANADA BASIN	SB138	75	25.97	148	16.27	75	08	01	18	720	?	X	X	STD
CANADA BASIN	SB140	75	23.63	148	8.87	75	08	02	18	720	?	X	X	STD
CANADA BASIN	SB142	75	22.26	147	58.05	75	08	03	18	720	?	X	X	STD
CANADA BASIN	SB144	75	23.92	147	39.29	75	08	04	18	720	?	X	X	STD
CANADA BASIN	SB146	75	25.12	147	12.06	75	08	05	18	720	?	X	X	STD
CANADA BASIN	SB148	75	22.27	147	2.89	75	08	06	18	721	?	X	X	STD
CANADA BASIN	SB150	75	20.65	146	58.25	75	08	07	18	721	?	X	X	STD
CANADA BASIN	SB152	75	21.39	146	44.92	75	08	08	18	720	?	X	X	STD
CANADA BASIN	SB154	75	17.00	146	2.38	75	08	09	18	721	?	X	X	STD
CANADA BASIN	SB156	75	7.97	145	50.77	75	08	10	18	720	?	X	X	STD
CANADA BASIN	SB158	75	1.91	145	36.80	75	08	11	18	720	?	X	X	STD
CANADA BASIN	SB160	74	59.27	145	12.34	75	08	12	18	720	?	X	X	STD
CANADA BASIN	SB162	75	3.85	144	50.10	75	08	13	18	720	?	X	X	STD
CANADA BASIN	SB164	74	59.80	144	19.87	75	08	14	18	720	?	X	X	STD
CANADA BASIN	SB166	75	2.24	144	13.43	75	08	15	18	720	?	X	X	STD
CANADA BASIN	SB168	75	3.91	144	5.98	75	08	16	18	719	?	X	X	STD
CANADA BASIN	SB170	75	0.19	144	10.45	75	08	17	18	722	?	X	X	STD
CANADA BASIN	SB172	74	59.82	144	12.17	75	08	18	19	721	?	X	X	STD
CANADA BASIN	SB174	75	0.43	144	22.97	75	08	19	18	721	?	X	X	STD
CANADA BASIN	SB176	75	3.02	144	45.78	75	08	20	18	721	?	X	X	STD
CANADA BASIN	SB178	75	3.35	144	56.06	75	08	21	18	719	?	X	X	STD
CANADA BASIN	SB180	75	1.64	144	51.11	75	08	22	18	719	?	X	X	STD
CANADA BASIN	SB182	74	57.64	144	41.95	75	08	23	18	719	?	X	X	STD
CANADA BASIN	SB184	74	57.06	144	34.11	75	08	24	18	719	?	X	X	STD
CANADA BASIN	SB186	74	57.44	144	9.67	75	08	25	18	721	?	X	X	STD

CANADA BASIN	SB188	75	1.98	144	4.51	75	08	26	18	720	?	X	X	STD
CANADA BASIN	SB190	74	57.34	143	46.01	75	08	27	18	722	?	X	X	STD
CANADA BASIN	SB192	74	49.89	143	14.05	75	08	28	18	722	?	X	X	STD
CANADA BASIN	SB194	74	47.81	143	9.53	75	08	29	18	721	?	X	X	STD
CANADA BASIN	SB196	74	37.52	142	59.06	75	08	31	18	722	?	X	X	STD
CANADA BASIN	SB198	74	31.50	142	36.66	75	09	01	18	720	?	X	X	STD
CANADA BASIN	SB200	74	27.43	142	35.35	75	09	02	18	722	?	X	X	STD
CANADA BASIN	SB202	74	28.27	142	38.31	75	09	03	18	721	?	X	X	STD
CANADA BASIN	SB204	74	28.51	142	39.24	75	09	04	18	722	?	X	X	STD
CANADA BASIN	SB206	74	23.90	142	43.46	75	09	05	18	720	?	X	X	STD
CANADA BASIN	SB208	74	23.12	143	0.71	75	09	06	18	720	?	X	X	STD
CANADA BASIN	SB210	74	21.47	143	7.81	75	09	07	18	721	?	X	X	STD
CANADA BASIN	SB212	74	20.63	142	45.07	75	09	08	18	721	?	X	X	STD
CANADA BASIN	SB214	74	20.33	142	12.97	75	09	09	18	720	?	X	X	STD
CANADA BASIN	SB216	74	18.33	141	48.01	75	09	10	18	720	?	X	X	STD
CANADA BASIN	SB218	74	19.76	141	24.35	75	09	11	18	719	?	X	X	STD
CANADA BASIN	SB220	74	20.42	140	58.55	75	09	12	18	721	?	X	X	STD
CANADA BASIN	SB222	74	18.61	140	42.07	75	09	13	18	720	?	X	X	STD
CANADA BASIN	SB224	74	17.05	140	37.09	75	09	14	18	730	?	X	X	STD
CANADA BASIN	SB226	74	22.48	141	0.37	75	09	17	18	721	?	X	X	STD
CANADA BASIN	SB227	74	23.09	140	48.81	75	09	18	19	719	?	X	X	STD
CANADA BASIN	SB228	74	19.93	141	1.33	75	09	19	18	722	?	X	X	STD
CANADA BASIN	SB229	74	17.23	141	3.49	75	09	20	18	721	?	X	X	STD
CANADA BASIN	SB230	74	19.13	140	28.67	75	09	21	18	721	?	X	X	STD
CANADA BASIN	SB231	74	17.11	140	25.51	75	09	22	18	723	?	X	X	STD
CANADA BASIN	SB232	74	14.45	140	43.96	75	09	23	18	720	?	X	X	STD
CANADA BASIN	SB233	74	8.97	140	26.13	75	09	24	18	720	?	X	X	STD
CANADA BASIN	SB234	74	2.68	140	16.72	75	09	25	18	721	?	X	X	STD
CANADA BASIN	SB237	74	13.48	141	45.71	75	10	04	18	721	?	X	X	STD
CANADA BASIN	SB238	74	15.20	141	55.54	75	10	05	18	737	?	X	X	STD
CANADA BASIN	SB239	74	14.65	142	6.71	75	10	06	18	741	?	X	X	STD
CANADA BASIN	SB240	74	13.45	142	10.73	75	10	07	18	738	?	X	X	STD
CANADA BASIN	SB241	74	11.69	142	10.80	75	10	08	18	740	?	X	X	STD
CANADA BASIN	SB242	74	9.44	142	11.84	75	10	09	18	742	?	X	X	STD
CANADA BASIN	SB243	74	7.57	142	10.40	75	10	10	18	742	?	X	X	STD
CANADA BASIN	SB245	74	6.70	142	5.01	75	10	11	18	737	?	X	X	STD
CANADA BASIN	SB247	74	7.25	141	38.75	75	10	12	18	741	?	X	X	STD
CANADA BASIN	SB249	74	5.44	141	45.10	75	10	13	18	741	?	X	X	STD
CANADA BASIN	SB251	74	4.19	141	53.58	75	10	14	18	741	?	X	X	STD
CANADA BASIN	SB253	74	5.61	142	12.55	75	10	15	18	739	?	X	X	STD
CANADA BASIN	SB255	74	6.38	142	34.27	75	10	16	18	739	?	X	X	STD
CANADA BASIN	SB257	74	2.97	142	34.92	75	10	17	18	685	?	X	X	STD
CANADA BASIN	SB259	74	2.60	142	36.73	75	10	18	18	736	?	X	X	STD
CANADA BASIN	SB261	74	3.77	142	54.69	75	10	19	18	740	?	X	X	STD
CANADA BASIN	SB263	74	4.66	143	6.46	75	10	20	18	741	?	X	X	STD
CANADA BASIN	SB265	74	5.07	143	11.11	75	10	21	18	731	?	X	X	STD
CANADA BASIN	SB267	74	3.53	143	10.16	75	10	22	18	727	?	X	X	STD
CANADA BASIN	SB269	74	4.46	143	13.88	75	10	23	18	723	?	X	X	STD
CANADA BASIN	SB271	74	9.70	143	35.06	75	10	24	13	723	?	X	X	STD
CANADA BASIN	SB273	74	10.37	143	25.87	75	10	25	18	723	?	X	X	STD
CANADA BASIN	SB275	74	5.19	143	6.44	75	10	26	19	723	?	X	X	STD
CANADA BASIN	SB277	74	1.58	142	52.97	75	10	27	18	727	?	X	X	STD
CANADA BASIN	SB279	73	54.03	143	1.29	75	10	28	18	723	?	X	X	STD
CANADA BASIN	SB281	73	44.62	143	9.31	75	10	29	18	726	?	X	X	STD
CANADA BASIN	SB283	73	36.48	143	3.89	75	10	30	18	574	?	X	X	STD
CANADA BASIN	SB285	73	32.41	143	3.74	75	10	31	18	724	?	X	X	STD
CANADA BASIN	SB287	73	32.02	142	58.44	75	11	01	18	721	?	X	X	STD
CANADA BASIN	SB289	73	32.18	142	57.88	75	11	02	18	723	?	X	X	STD
CANADA BASIN	SB291	73	32.86	142	59.52	75	11	03	18	742	?	X	X	STD
CANADA BASIN	SB293	73	34.36	143	1.72	75	11	04	18	741	?	X	X	STD
CANADA BASIN	SB295	73	36.64	143	1.31	75	11	05	18	741	?	X	X	STD
CANADA BASIN	SB297	73	38.99	142	49.42	75	11	06	18	739	?	X	X	STD
CANADA BASIN	SB299	73	41.41	142	39.34	75	11	07	18	741	?	X	X	STD
CANADA BASIN	SB302	73	42.01	142	34.28	75	11	09	18	741	?	X	X	STD
CANADA BASIN	SB304	73	43.25	142	32.57	75	11	10	18	741	?	X	X	STD
CANADA BASIN	SB306	73	42.98	142	32.00	75	11	11	18	693	?	X	X	STD
CANADA BASIN	SB308	73	42.11	142	34.56	75	11	12	18	742	?	X	X	STD
CANADA BASIN	SB310	73	39.58	142	50.87	75	11	13	18	741	?	X	X	STD
CANADA BASIN	SB312	73	32.49	143	9.48	75	11	14	18	723	?	X	X	STD
CANADA BASIN	SB314	73	30.22	143	10.73	75	11	15	18	742	?	X	X	STD
CANADA BASIN	SB316	73	29.87	143	8.27	75	11	16	18	739	?	X	X	STD
CANADA BASIN	SB318	73	29.92	143	8.72	75	11	17	18	741	?	X	X	STD
CANADA BASIN	SB320	73	29.83	143	8.47	75	11	18	18	240	?	X	X	STD
CANADA BASIN	SB322	73	29.90	143	8.72	75	11	19	18	667	?	X	X	STD
CANADA BASIN	SB324	73	34.18	143	20.47	75	11	20	18	735	?	X	X	STD
CANADA BASIN	SB326	73	42.89	143	42.23	75	11	21	18	736	?	X	X	STD
CANADA BASIN	SB328	73	50.92	143	53.63	75	11	22	18	741	?	X	X	STD
CANADA BASIN	SB330	73	52.22	144	2.70	75	11	23	18	740	?	X	X	STD
CANADA BASIN	SB332	73	52.93	144	10.01	75	11	24	18	742	?	X	X	STD
CANADA BASIN	SB334	73	53.91	144	26.15	75	11	25	18	740	?	X	X	STD
CANADA BASIN	SB336	73	57.90	144	42.44	75	11	26	18	738	?	X	X	STD
CANADA BASIN	SB338	74	0.76	144	48.02	75	11	27	19	741	?	X	X	STD
CANADA BASIN	SB340	74	1.15	144	53.54	75	11	28	18	741	?	X	X	STD

CANADA BASIN	SB342	74	1.19	145	3.35	75	11	29	18	742	?	X	X	STD
CANADA BASIN	SB344	73	59.83	145	1.64	75	11	30	18	741	?	X	X	STD
CANADA BASIN	SB346	73	54.85	144	55.15	75	12	01	18	740	?	X	X	STD
CANADA BASIN	SB348	73	52.30	144	56.84	75	12	02	18	742	?	X	X	STD
CANADA BASIN	SB350	73	51.47	144	50.96	75	12	03	18	741	?	X	X	STD
CANADA BASIN	SB352	73	51.32	144	50.15	75	12	04	18	742	?	X	X	STD
CANADA BASIN	SB354	73	51.18	144	49.82	75	12	05	18	741	?	X	X	STD
CANADA BASIN	SB356	73	50.95	144	49.18	75	12	06	18	741	?	X	X	STD
CANADA BASIN	SB358	73	52.40	144	39.86	75	12	07	18	740	?	X	X	STD
CANADA BASIN	SB362	73	49.96	144	33.30	75	12	11	18	740	?	X	X	STD
CANADA BASIN	SB365	73	49.94	144	33.16	75	12	12	19	741	?	X	X	STD
CANADA BASIN	SB366	73	50.32	144	36.08	75	12	13	18	740	?	X	X	STD
CANADA BASIN	SB367	73	52.58	144	52.91	75	12	14	20	741	?	X	X	STD
CANADA BASIN	SB369	73	54.08	144	51.37	75	12	16	20	199	?	X	X	STD
CANADA BASIN	SB370	73	54.68	145	12.49	75	12	17	19	742	?	X	X	STD
CANADA BASIN	SB372	73	50.52	145	10.50	75	12	18	19	740	?	X	X	STD
CANADA BASIN	SB374	73	48.75	145	2.60	75	12	19	18	742	?	X	X	STD
CANADA BASIN	SB376	73	48.22	144	57.85	75	12	20	18	741	?	X	X	STD
CANADA BASIN	SB378	73	47.98	144	55.37	75	12	21	17	739	?	X	X	STD
CANADA BASIN	SB380	73	48.46	144	58.13	75	12	22	18	741	?	X	X	STD
CANADA BASIN	SB390	73	50.00	145	18.32	75	12	28	18	752	?	X	X	STD
CANADA BASIN	SB392	73	49.39	145	15.62	75	12	29	19	746	?	X	X	STD
CANADA BASIN	SB394	73	48.81	145	6.86	75	12	30	18	747	?	X	X	STD
CANADA BASIN	SB396	73	50.18	145	10.76	75	12	31	19	745	?	X	X	STD
CANADA BASIN	SB398	73	53.14	145	23.94	76	01	01	18	746	?	X	X	STD
CANADA BASIN	SB400	73	55.31	145	26.42	76	01	02	18	747	?	X	X	STD
CANADA BASIN	SB402	73	59.41	145	34.39	76	01	03	18	746	?	X	X	STD
CANADA BASIN	SB404	74	6.79	145	45.31	76	01	04	18	275	?	X	X	STD
CANADA BASIN	SB406	74	10.92	145	52.07	76	01	05	18	747	?	X	X	STD
CANADA BASIN	SB410	74	12.79	145	46.34	76	01	07	18	747	?	X	X	STD
CANADA BASIN	SB412	74	12.37	145	47.96	76	01	08	18	276	?	X	X	STD
CANADA BASIN	SB414	74	6.30	145	34.49	76	01	10	18	274	?	X	X	STD
CANADA BASIN	SB416	74	1.06	145	16.49	76	01	11	18	746	?	X	X	STD
CANADA BASIN	SB418	73	57.62	145	6.16	76	01	12	18	745	?	X	X	STD
CANADA BASIN	SB420	73	57.56	145	5.74	76	01	13	18	749	?	X	X	STD
CANADA BASIN	SB422	73	58.18	145	6.20	76	01	14	18	745	?	X	X	STD
CANADA BASIN	SB424	73	59.76	145	8.26	76	01	15	18	746	?	X	X	STD
CANADA BASIN	SB426	73	58.69	145	6.90	76	01	16	05	746	?	X	X	STD
CANADA BASIN	SB428	73	57.48	145	2.98	76	01	16	19	746	?	X	X	STD
CANADA BASIN	SB429	73	57.68	145	2.78	76	01	17	06	746	?	X	X	STD
CANADA BASIN	SB431	73	57.61	145	4.23	76	01	17	19	746	?	X	X	STD
CANADA BASIN	SB433	73	57.21	145	4.18	76	01	18	07	750	?	X	X	STD
CANADA BASIN	SB435	73	57.02	145	4.03	76	01	18	18	760	?	X	X	STD
CANADA BASIN	SB437	73	56.86	145	3.50	76	01	19	05	746	?	X	X	STD
CANADA BASIN	SB439	73	56.33	145	0.49	76	01	19	19	746	?	X	X	STD
CANADA BASIN	SB441	73	55.95	144	56.41	76	01	20	05	748	?	X	X	STD
CANADA BASIN	SB443	73	55.67	144	54.46	76	01	20	18	748	?	X	X	STD
CANADA BASIN	SB444	73	55.66	144	54.56	76	01	21	05	743	?	X	X	STD
CANADA BASIN	SB446	73	55.51	144	55.91	76	01	21	18	746	?	X	X	STD
CANADA BASIN	SB448	73	54.86	145	1.19	76	01	22	05	746	?	X	X	STD
CANADA BASIN	SB450	73	54.28	145	3.28	76	01	22	18	745	?	X	X	STD
CANADA BASIN	SB452	73	52.81	145	5.14	76	01	23	18	746	?	X	X	STD
CANADA BASIN	SB454	73	52.68	145	3.34	76	01	24	05	745	?	X	X	STD
CANADA BASIN	SB456	73	52.00	145	0.75	76	01	24	18	749	?	X	X	STD
CANADA BASIN	SB458	73	51.67	145	0.47	76	01	25	05	744	?	X	X	STD
CANADA BASIN	SB460	73	51.32	145	0.54	76	01	25	19	746	?	X	X	STD
CANADA BASIN	SB462	73	51.28	145	0.56	76	01	26	05	745	?	X	X	STD
CANADA BASIN	SB464	73	51.28	145	0.61	76	01	26	18	747	?	X	X	STD
CANADA BASIN	SB466	73	51.29	145	0.55	76	01	27	05	745	?	X	X	STD
CANADA BASIN	SB468	73	51.27	145	0.52	76	01	27	18	747	?	X	X	STD
CANADA BASIN	SB470	73	51.26	145	0.70	76	01	28	06	748	?	X	X	STD
CANADA BASIN	SB472	73	51.26	145	0.60	76	01	28	18	748	?	X	X	STD
CANADA BASIN	SB474	73	51.28	145	0.68	76	01	29	05	749	?	X	X	STD
CANADA BASIN	SB476	73	51.46	145	2.83	76	01	29	18	746	?	X	X	STD
CANADA BASIN	SB478	73	51.73	145	10.35	76	01	30	05	740	?	X	X	STD
CANADA BASIN	SB480	73	53.11	145	45.67	76	01	31	18	741	?	X	X	STD
CANADA BASIN	SB482	73	55.34	145	48.91	76	02	01	18	746	?	X	X	STD
CANADA BASIN	SB484	73	56.24	145	29.57	76	02	03	18	748	?	X	X	STD
CANADA BASIN	SB486	73	55.22	145	28.46	76	02	04	18	748	?	X	X	STD
CANADA BASIN	SB488	73	54.15	145	28.28	76	02	05	18	747	?	X	X	STD
CANADA BASIN	SB490	73	51.23	145	23.26	76	02	06	18	746	?	X	X	STD
CANADA BASIN	SB492	73	48.03	145	6.56	76	02	07	18	747	?	X	X	STD
CANADA BASIN	SB494	73	42.98	144	48.04	76	02	09	18	744	?	X	X	STD
CANADA BASIN	SB496	73	42.90	144	47.63	76	02	10	18	744	?	X	X	STD
CANADA BASIN	SB498	73	42.87	144	47.50	76	02	11	18	745	?	X	X	STD
CANADA BASIN	SB500	73	41.72	144	43.78	76	02	12	18	744	?	X	X	STD
CANADA BASIN	SB502	73	41.60	144	43.35	76	02	13	19	747	?	X	X	STD
CANADA BASIN	SB504	73	41.60	144	43.48	76	02	14	20	745	?	X	X	STD
CANADA BASIN	SB506	73	41.59	144	43.51	76	02	15	18	746	?	X	X	STD
CANADA BASIN	SB508	73	41.57	144	43.48	76	02	16	18	745	?	X	X	STD
CANADA BASIN	SB509	73	41.59	144	43.33	76	02	17	18	745	?	X	X	STD
CANADA BASIN	SB510	73	41.59	144	43.44	76	02	18	18	745	?	X	X	STD
CANADA BASIN	SB511	73	41.59	144	43.48	76	02	19	18	748	?	X	X	STD

```
CANADA BASIN    SB513  73 41.58 144 43.45  76 02 21 18    747     ?  X        X STD
CANADA BASIN    SB515  73 41.59 144 43.37  76 02 22 18    746     ?  X        X STD
CANADA BASIN    SB517  73 41.60 144 43.48  76 02 23 18    745     ?  X        X STD
CANADA BASIN    SB519  73 41.60 144 43.59  76 02 24 18    746     ?  X        X STD
CANADA BASIN    SB521  73 44.68 144 40.58  76 02 27 18    746     ?  X        X STD
CANADA BASIN    SB522  73 44.26 144 40.11  76 02 28 18    741     ?  X        X STD
CANADA BASIN    SB524  73 47.91 144 45.15  76 03 01 18    741     ?  X        X STD
CANADA BASIN    SB525  73 46.80 144 45.25  76 03 02 18    741     ?  X        X STD
CANADA BASIN    SB526  73 46.84 144 44.68  76 03 03 18    743     ?  X        X STD
CANADA BASIN    SB527  73 44.32 145 10.33  76 03 05 05    744     ?  X        X STD
CANADA BASIN    SB528  73 43.16 145  6.10  76 03 06 06    742     ?  X        X STD
CANADA BASIN    SB529  73 43.14 145  3.71  76 03 06 18    749     ?  X        X STD
CANADA BASIN    SB530  73 22.09 145 23.06  76 04 01  ?    787     ?  X        X STD
CANADA BASIN    SB550  73 22.04 145 34.24  76 04 07 06    758     ?  X        X STD
CANADA BASIN    SB552  73 22.02 145 33.70  76 04 07 18    757     ?  X        X STD
CANADA BASIN    SB554  73 21.98 145 33.24  76 04 08 06    760     ?  X        X STD
CANADA BASIN    SB556  73 22.48 145 34.71  76 04 08 18    757     ?  X        X STD
CANADA BASIN    SB558  73 24.59 145 38.68  76 04 09 06    756     ?  X        X STD
CANADA BASIN    SB560  73 24.81 145 39.53  76 04 09 18    757     ?  X        X STD
CANADA BASIN    SB562  73 23.44 145 42.68  76 04 10 05    757     ?  X        X STD
CANADA BASIN    SB564  73 22.76 145 48.01  76 04 10 18    757     ?  X        X STD
CANADA BASIN    SB566  73 22.49 145 55.76  76 04 11 06    756     ?  X        X STD
CANADA BASIN    SB568  73 22.78 146  5.00  76 04 11 18    757     ?  X        X STD
CANADA BASIN    SB570  73 23.80 146 12.69  76 04 12 05    758     ?  X        X STD
CANADA BASIN    SB572  73 24.02 146 13.04  76 04 12 18    762     ?  X        X STD
CANADA BASIN    SB574  73 23.98 146 12.59  76 04 13 06    757     ?  X        X STD
CANADA BASIN    SB576  73 23.78 146 10.98  76 04 13 18    756     ?  X        X STD
CANADA BASIN    SB578  73 23.56 146  9.34  76 04 14 06    756     ?  X        X STD
CANADA BASIN    SB580  73 23.37 146  5.93  76 04 14 18    756     ?  X        X STD
CANADA BASIN    SB582  73 23.87 145 57.05  76 04 15 06    756     ?  X        X STD
CANADA BASIN    SB584  73 24.64 145 51.82  76 04 15 18    762     ?  X        X STD
CANADA BASIN    SB586  73 25.46 145 44.67  76 04 16 06    756     ?  X        X STD
CANADA BASIN    SB588  73 25.72 145 43.67  76 04 16 18    756     ?  X        X STD
CANADA BASIN    SB590  73 25.52 145 43.58  76 04 17 06    756     ?  X        X STD
CANADA BASIN    SB592  73 25.64 145 43.92  76 04 17 18    756     ?  X        X STD
CANADA BASIN    SB594  73 25.87 145 44.47  76 04 18 05    756     ?  X        X STD
CANADA BASIN    SB596  73 25.79 145 45.70  76 04 18 18    756     ?  X        X STD
CANADA BASIN    SB598  73 25.51 145 50.04  76 04 19 06    756     ?  X        X STD
CANADA BASIN    SB600  73 24.91 145 53.45  76 04 19 18    756     ?  X        X STD
CANADA BASIN    SB602  73 23.98 145 58.65  76 04 20 06    755     ?  X        X STD
CANADA BASIN    SB604  73 23.74 146  0.74  76 04 20 18    756     ?  X        X STD
CANADA BASIN    BB   4 99 59.99  99 59.99  75 04 04 06    997     ?  X        X STD
CANADA BASIN    BB   5 99 59.99  99 59.99  75 04 05 06    999     ?  X        X STD
CANADA BASIN    BB   6 99 59.99  99 59.99  75 04 06 06    727     ?  X        X STD
CANADA BASIN    BB   7 99 59.99  99 59.99  75 04 06 17    991     ?  X        X STD
CANADA BASIN    BB   8 99 59.99  99 59.99  75 04 07 05    976     ?  X        X STD
CANADA BASIN    BB   9 99 59.99  99 59.99  75 04 07 17    971     ?  X        X STD
CANADA BASIN    BB  10 99 59.99  99 59.99  75 04 08 05    730     ?  X        X STD
CANADA BASIN    BB  13 99 59.99  99 59.99  75 04 09 06    975     ?  X        X STD
CANADA BASIN    BB  14 99 59.99  99 59.99  75 04 09 18    179     ?  X        X STD
CANADA BASIN    BB  22 99 59.99  99 59.99  75 04 10 17    731     ?  X        X STD
CANADA BASIN    BB  24 76 21.11 145 20.99  75 04 11 05    728     ?  X        X STD
CANADA BASIN    BB  28 76 21.37 145 15.33  75 04 12 05    729     ?  X        X STD
CANADA BASIN    BB  30 76 21.20 145 15.41  75 04 12 16    728     ?  X        X STD
CANADA BASIN    BB  32 76 21.28 145 16.15  75 04 13 05    730     ?  X        X STD
CANADA BASIN    BB  34 76 21.33 145 17.15  75 04 13 17    873     ?  X        X STD
CANADA BASIN    BB  35 76 21.53 145 17.78  75 04 13 21    731     ?  X        X STD
CANADA BASIN    BB  37 76 22.36 145 20.45  75 04 14 05    745     ?  X        X STD
CANADA BASIN    BB  39 76 25.07 145 30.50  75 04 14 17    729     ?  X        X STD
CANADA BASIN    BB  43 76 29.94 145 34.48  75 04 15 17    739     ?  X        X STD
CANADA BASIN    BB  45 76 29.27 145 20.95  75 04 16 05    726     ?  X        X STD
CANADA BASIN    BB  47 76 30.15 145 11.92  75 04 16 17    729     ?  X        X STD
CANADA BASIN    BB  49 76 30.66 145  0.61  75 04 17 05    724     ?  X        X STD
CANADA BASIN    BB  51 76 29.99 144 55.60  75 04 17 16    731     ?  X        X STD
CANADA BASIN    BB  53 76 29.00 144 49.16  75 04 18 04   2927     ?  X        X STD
CANADA BASIN    BB  55 76 28.75 144 45.32  75 04 18 17   2996     ?  X        X STD
CANADA BASIN    BB  57 76 28.88 144 38.43  75 04 19 04    727     ?  X        X STD
CANADA BASIN    BB  59 76 28.85 144 32.96  75 04 19 17    725     ?  X        X STD
CANADA BASIN    BB  61 76 28.93 144 26.77  75 04 20 04    725     ?  X        X STD
CANADA BASIN    BB  63 76 28.73 144 25.40  75 04 20 17    742     ?  X        X STD
CANADA BASIN    BB  65 76 29.31 144 26.40  75 04 21 04    497     ?  X        X STD
CANADA BASIN    BB  67 76 29.52 144 27.91  75 04 21 17    727     ?  X        X STD
CANADA BASIN    BB  69 76 29.13 144 31.43  75 04 22 04    727     ?  X        X STD
CANADA BASIN    BB  71 76 28.36 144 35.62  75 04 22 17    728     ?  X        X STD
CANADA BASIN    BB  73 76 27.31 144 33.77  75 04 23 04    728     ?  X        X STD
CANADA BASIN    BB  75 76 26.45 144 31.23  75 04 23 17    745     ?  X        X STD
CANADA BASIN    BB  77 76 26.23 144 29.65  75 04 24 03    729     ?  X        X STD
CANADA BASIN    BB  79 76 26.33 144 30.19  75 04 24 17    730     ?  X        X STD
CANADA BASIN    BB  81 76 25.98 144 28.39  75 04 25 03    712     ?  X        X STD
CANADA BASIN    BB  83 76 25.79 144 27.82  75 04 25 17    727     ?  X        X STD
CANADA BASIN    BB  84 76 26.38 144 26.95  75 04 26 04    725     ?  X        X STD
CANADA BASIN    BB  86 76 26.65 144 26.88  75 04 26 18    727     ?  X        X STD
CANADA BASIN    BB  89 76 25.83 144 23.40  75 04 27 17    729     ?  X        X STD
```

CANADA BASIN	BB 91	76 25.23	144 21.17	75 04 28 05	724	?	X	X	STD
CANADA BASIN	BB 93	76 25.14	144 20.42	75 04 28 17	726	?	X	X	STD
CANADA BASIN	BB 95	76 25.20	144 18.09	75 04 29 05	726	?	X	X	STD
CANADA BASIN	BB 97	76 25.33	144 16.49	75 04 29 17	726	?	X	X	STD
CANADA BASIN	BB 99	76 26.87	144 7.52	75 04 30 04	724	?	X	X	STD
CANADA BASIN	BB103	76 27.84	143 40.01	75 05 01 05	730	?	X	X	STD
CANADA BASIN	BB105	76 27.73	143 39.77	75 05 01 17	727	?	X	X	STD
CANADA BASIN	BB107	76 27.17	143 40.88	75 05 02 04	725	?	X	X	STD
CANADA BASIN	BB111	76 26.70	143 50.70	75 05 03 04	728	?	X	X	STD
CANADA BASIN	BB115	76 25.78	144 2.80	75 05 04 04	724	?	X	X	STD
CANADA BASIN	BB117	76 25.48	144 8.47	75 05 04 17	727	?	X	X	STD
CANADA BASIN	BB119	76 25.54	144 19.00	75 05 05 04	727	?	X	X	STD
CANADA BASIN	BB121	76 25.51	144 33.13	75 05 05 17	727	?	X	X	STD
CANADA BASIN	BB123	76 26.19	144 44.21	75 05 06 04	725	?	X	X	STD
CANADA BASIN	BB125	76 26.72	144 55.79	75 05 06 17	725	?	X	X	STD
CANADA BASIN	BB127	76 27.52	145 3.56	75 05 07 04	726	?	X	X	STD
CANADA BASIN	BB129	76 27.83	145 7.29	75 05 07 17	726	?	X	X	STD
CANADA BASIN	BB131	76 28.03	145 9.42	75 05 08 04	725	?	X	X	STD
CANADA BASIN	BB133	76 28.11	145 12.29	75 05 08 17	723	?	X	X	STD
CANADA BASIN	BB135	76 28.78	145 14.36	75 05 09 04	727	?	X	X	STD
CANADA BASIN	BB137	76 29.66	145 13.97	75 05 09 17	728	?	X	X	STD
CANADA BASIN	BB139	76 29.85	145 12.83	75 05 10 04	726	?	X	X	STD
CANADA BASIN	BB141	76 29.11	145 10.33	75 05 10 17	727	?	X	X	STD
CANADA BASIN	BB143	76 27.49	145 7.75	75 05 11 04	2925	?	X	X	STD
CANADA BASIN	BB145	76 26.11	145 5.26	75 05 11 17	727	?	X	X	STD
CANADA BASIN	BB147	76 24.68	145 6.58	75 05 12 04	726	?	X	X	STD
CANADA BASIN	BB149	76 23.23	145 7.33	75 05 12 17	726	?	X	X	STD
CANADA BASIN	BB151	76 21.12	145 10.91	75 05 13 04	726	?	X	X	STD
CANADA BASIN	BB153	76 18.88	145 13.87	75 05 13 18	726	?	X	X	STD
CANADA BASIN	BB155	76 17.36	145 10.47	75 05 14 04	725	?	X	X	STD
CANADA BASIN	BB157	76 15.64	145 4.93	75 05 14 17	726	?	X	X	STD
CANADA BASIN	BB159	76 14.09	144 57.24	75 05 15 04	726	?	X	X	STD
CANADA BASIN	BB161	76 12.20	144 53.83	75 05 15 17	726	?	X	X	STD
CANADA BASIN	BB163	76 10.87	144 55.91	75 05 16 04	726	?	X	X	STD
CANADA BASIN	BB165	76 11.47	144 54.08	75 05 16 17	725	?	X	X	STD
CANADA BASIN	BB167	76 13.28	144 56.89	75 05 17 04	726	?	X	X	STD
CANADA BASIN	BB169	76 15.43	145 7.13	75 05 17 17	2926	?	X	X	STD
CANADA BASIN	BB171	76 16.52	145 17.81	75 05 18 04	726	?	X	X	STD
CANADA BASIN	BB173	76 16.54	145 28.48	75 05 18 17	726	?	X	X	STD
CANADA BASIN	BB175	76 16.03	145 39.16	75 05 19 04	726	?	X	X	STD
CANADA BASIN	BB177	76 14.68	145 43.86	75 05 19 17	726	?	X	X	STD
CANADA BASIN	BB179	76 13.40	145 46.51	75 05 20 04	725	?	X	X	STD
CANADA BASIN	BB181	76 12.55	145 45.82	75 05 20 17	726	?	X	X	STD
CANADA BASIN	BB183	76 12.25	145 43.13	75 05 21 05	727	?	X	X	STD
CANADA BASIN	BB185	76 12.27	145 39.64	75 05 21 17	728	?	X	X	STD
CANADA BASIN	BB187	76 13.40	145 35.15	75 05 22 05	725	?	X	X	STD
CANADA BASIN	BB189	76 14.17	145 30.18	75 05 22 17	725	?	X	X	STD
CANADA BASIN	BB191	76 14.50	145 24.77	75 05 23 05	726	?	X	X	STD
CANADA BASIN	BB193	76 14.56	145 21.79	75 05 23 17	726	?	X	X	STD
CANADA BASIN	BB195	76 13.97	145 18.53	75 05 24 05	725	?	X	X	STD
CANADA BASIN	BB197	76 13.56	145 16.84	75 05 24 17	2923	?	X	X	STD
CANADA BASIN	BB199	76 13.88	145 15.77	75 05 25 05	499	?	X	X	STD
CANADA BASIN	BB201	76 14.74	145 16.39	75 05 25 17	727	?	X	X	STD
CANADA BASIN	BB203	76 15.44	145 21.95	75 05 26 05	726	?	X	X	STD
CANADA BASIN	BB205	76 14.86	145 32.18	75 05 26 17	725	?	X	X	STD
CANADA BASIN	BB207	76 14.60	145 43.60	75 05 27 05	726	?	X	X	STD
CANADA BASIN	BB209	76 15.00	145 54.04	75 05 27 17	727	?	X	X	STD
CANADA BASIN	BB213	76 17.49	146 14.77	75 05 28 17	726	?	X	X	STD
CANADA BASIN	BB215	76 19.18	146 24.87	75 05 29 05	726	?	X	X	STD
CANADA BASIN	BB217	76 20.88	146 34.42	75 05 29 18	726	?	X	X	STD
CANADA BASIN	BB219	76 22.36	146 43.88	75 05 30 05	726	?	X	X	STD
CANADA BASIN	BB221	76 23.83	146 50.69	75 05 30 16	724	?	X	X	STD
CANADA BASIN	BB223	76 25.62	147 6.13	75 06 01 05	725	?	X	X	STD
CANADA BASIN	BB225	76 25.75	147 10.30	75 06 01 17	726	?	X	X	STD
CANADA BASIN	BB227	76 25.81	147 17.46	75 06 02 05	723	?	X	X	STD
CANADA BASIN	BB229	76 26.12	147 22.23	75 06 02 17	727	?	X	X	STD
CANADA BASIN	BB231	76 27.01	147 32.32	75 06 03 17	725	?	X	X	STD
CANADA BASIN	BB233	76 27.68	147 40.38	75 06 04 05	728	?	X	X	STD
CANADA BASIN	BB235	76 27.92	147 49.72	75 06 04 17	2935	?	X	X	STD
CANADA BASIN	BB237	76 27.82	147 59.29	75 06 05 05	727	?	X	X	STD
CANADA BASIN	BB239	76 27.58	148 5.26	75 06 05 17	726	?	X	X	STD
CANADA BASIN	BB241	76 26.99	148 11.21	75 06 06 05	724	?	X	X	STD
CANADA BASIN	BB243	76 26.41	148 15.96	75 06 06 17	726	?	X	X	STD
CANADA BASIN	BB245	76 25.69	148 22.21	75 06 07 05	725	?	X	X	STD
CANADA BASIN	BB247	76 25.06	148 25.63	75 06 07 17	2922	?	X	X	STD
CANADA BASIN	BB249	76 24.46	148 28.40	75 06 08 05	725	?	X	X	STD
CANADA BASIN	BB251	76 23.25	148 30.79	75 06 08 17	736	?	X	X	STD
CANADA BASIN	BB253	76 21.79	148 29.87	75 06 09 05	726	?	X	X	STD
CANADA BASIN	BB255	76 20.92	148 28.01	75 06 09 17	726	?	X	X	STD
CANADA BASIN	BB257	76 20.59	148 26.24	75 06 10 05	726	?	X	X	STD
CANADA BASIN	BB259	76 20.00	148 22.62	75 06 10 17	729	?	X	X	STD
CANADA BASIN	BB261	76 19.02	148 16.31	75 06 11 05	727	?	X	X	STD
CANADA BASIN	BB263	76 18.97	148 14.05	75 06 11 17	724	?	X	X	STD

CANADA BASIN	BB265	76	19.12	148	17.20	75	06	12	05	725	?	X	X	STD
CANADA BASIN	BB267	76	19.06	148	16.86	75	06	12	17	724	?	X	X	STD
CANADA BASIN	BB271	76	18.51	148	21.84	75	06	13	17	725	?	X	X	STD
CANADA BASIN	BB273	76	18.74	148	23.38	75	06	14	05	725	?	X	X	STD
CANADA BASIN	BB275	76	19.39	148	23.97	75	06	14	17	2926	?	X	X	STD
CANADA BASIN	BB277	76	20.57	148	24.70	75	06	15	05	726	?	X	X	STD
CANADA BASIN	BB279	76	20.80	148	29.84	75	06	15	17	724	?	X	X	STD
CANADA BASIN	BB281	76	20.84	148	35.73	75	06	16	05	725	?	X	X	STD
CANADA BASIN	BB283	76	20.74	148	36.86	75	06	16	17	724	?	X	X	STD
CANADA BASIN	BB285	76	22.27	148	42.31	75	06	17	05	723	?	X	X	STD
CANADA BASIN	BB287	76	24.33	148	51.64	75	06	17	17	726	?	X	X	STD
CANADA BASIN	BB289	76	24.74	149	1.57	75	06	18	05	725	?	X	X	STD
CANADA BASIN	BB291	76	22.73	149	10.18	75	06	18	17	724	?	X	X	STD
CANADA BASIN	BB293	76	20.28	149	13.63	75	06	19	05	498	?	X	X	STD
CANADA BASIN	BB295	76	19.87	149	16.90	75	06	19	17	725	?	X	X	STD
CANADA BASIN	BB297	76	20.14	149	21.89	75	06	20	05	725	?	X	X	STD
CANADA BASIN	BB299	76	20.14	149	24.88	75	06	20	17	725	?	X	X	STD
CANADA BASIN	BB301	76	20.34	149	26.14	75	06	21	05	725	?	X	X	STD
CANADA BASIN	BB303	76	21.48	149	27.50	75	06	21	17	2925	?	X	X	STD
CANADA BASIN	BB305	76	24.22	149	31.36	75	06	22	05	725	?	X	X	STD
CANADA BASIN	BB307	76	25.33	149	27.73	75	06	22	17	725	?	X	X	STD
CANADA BASIN	BB309	76	26.08	149	28.09	75	06	23	05	724	?	X	X	STD
CANADA BASIN	BB311	76	26.95	149	36.97	75	06	23	17	725	?	X	X	STD
CANADA BASIN	BB331	76	27.06	149	42.10	75	06	24	05	725	?	X	X	STD
CANADA BASIN	BB333	76	26.66	149	42.88	75	06	24	17	725	?	X	X	STD
CANADA BASIN	BB335	76	25.57	149	41.53	75	06	25	05	728	?	X	X	STD
CANADA BASIN	BB337	76	24.77	149	33.76	75	06	25	17	724	?	X	X	STD
CANADA BASIN	BB339	76	24.39	149	24.38	75	06	26	05	714	?	X	X	STD
CANADA BASIN	BB341	76	24.98	149	21.69	75	06	26	19	724	?	X	X	STD
CANADA BASIN	BB342	76	27.73	149	19.02	75	06	28	05	722	?	X	X	STD
CANADA BASIN	BB344	76	28.13	149	10.16	75	06	28	17	724	?	X	X	STD
CANADA BASIN	BB347	76	26.30	148	49.48	75	06	29	17	756	?	X	X	STD
CANADA BASIN	BB349	76	28.44	148	43.50	75	06	30	05	755	?	X	X	STD
CANADA BASIN	BB351	76	31.79	148	44.96	75	06	30	17	756	?	X	X	STD
CANADA BASIN	BB353	76	33.42	148	38.64	75	07	01	05	755	?	X	X	STD
CANADA BASIN	BB355	76	32.71	148	30.39	75	07	01	17	756	?	X	X	STD
CANADA BASIN	BB357	76	32.36	148	24.65	75	07	02	05	755	?	X	X	STD
CANADA BASIN	BB359	76	32.25	148	24.59	75	07	02	17	754	?	X	X	STD
CANADA BASIN	BB361	76	32.24	148	12.41	75	07	03	05	754	?	X	X	STD
CANADA BASIN	BB362	76	33.83	147	44.08	75	07	04	05	725	?	X	X	STD
CANADA BASIN	BB364	76	31.47	147	37.07	75	07	04	17	725	?	X	X	STD
CANADA BASIN	BB365	76	27.14	147	16.13	75	07	05	17	2921	?	X	X	STD
CANADA BASIN	BB367	76	22.19	146	47.82	75	07	06	17	723	?	X	X	STD
CANADA BASIN	BB370	76	23.10	145	37.56	75	07	10	05	722	?	X	X	STD
CANADA BASIN	BB372	76	20.42	145	21.06	75	07	10	17	722	?	X	X	STD
CANADA BASIN	BB374	76	18.94	145	13.93	75	07	11	05	724	?	X	X	STD
CANADA BASIN	BB376	76	18.34	145	8.92	75	07	11	17	724	?	X	X	STD
CANADA BASIN	BB378	76	18.59	145	6.43	75	07	12	05	721	?	X	X	STD
CANADA BASIN	BB380	76	19.36	145	6.50	75	07	12	17	2924	?	X	X	STD
CANADA BASIN	BB382	76	20.24	145	9.64	75	07	13	05	722	?	X	X	STD
CANADA BASIN	BB384	76	20.96	145	11.81	75	07	13	17	726	?	X	X	STD
CANADA BASIN	BB386	76	21.29	145	11.08	75	07	14	04	722	?	X	X	STD
CANADA BASIN	BB389	75	59.81	144	59.26	75	07	20	05	746	?	X	X	STD
CANADA BASIN	BB391	75	57.59	144	55.84	75	07	20	16	745	?	X	X	STD
CANADA BASIN	BB393	75	53.09	144	54.28	75	07	21	05	745	?	X	X	STD
CANADA BASIN	BB395	75	49.70	144	58.42	75	07	21	17	745	?	X	X	STD
CANADA BASIN	BB397	75	46.99	145	0.61	75	07	22	04	442	?	X	X	STD
CANADA BASIN	BB399	75	43.23	145	5.82	75	07	23	04	745	?	X	X	STD
CANADA BASIN	BB401	75	42.34	145	8.27	75	07	23	17	761	?	X	X	STD
CANADA BASIN	BB403	75	41.63	145	9.14	75	07	24	04	746	?	X	X	STD
CANADA BASIN	BB405	75	41.64	145	10.93	75	07	24	17	745	?	X	X	STD
CANADA BASIN	BB407	75	41.53	145	16.60	75	07	25	05	745	?	X	X	STD
CANADA BASIN	BB409	75	41.33	145	24.13	75	07	25	17	462	?	X	X	STD
CANADA BASIN	BB411	75	39.97	145	28.48	75	07	26	04	616	?	X	X	STD
CANADA BASIN	BB413	75	37.76	145	28.38	75	07	26	17	695	?	X	X	STD
CANADA BASIN	BB415	75	35.68	145	24.25	75	07	27	04	747	?	X	X	STD
CANADA BASIN	BB421	75	22.51	144	41.75	75	07	30	04	743	?	X	X	STD
CANADA BASIN	BB423	75	18.23	144	30.38	75	07	30	18	746	?	X	X	STD
CANADA BASIN	BB425	75	15.35	144	21.50	75	07	31	05	709	?	X	X	STD
CANADA BASIN	BB427	75	10.69	143	59.70	75	08	01	04	742	?	X	X	STD
CANADA BASIN	BB429	75	8.01	143	49.82	75	08	01	17	744	?	X	X	STD
CANADA BASIN	BB431	75	5.77	143	44.42	75	08	02	04	591	?	X	X	STD
CANADA BASIN	BB433	75	4.36	143	39.55	75	08	02	16	590	?	X	X	STD
CANADA BASIN	BB434	75	2.11	143	28.91	75	08	03	17	589	?	X	X	STD
CANADA BASIN	BB436	75	1.14	143	21.99	75	08	04	03	592	?	X	X	STD
CANADA BASIN	BB438	75	1.56	143	14.80	75	08	04	17	590	?	X	X	STD
CANADA BASIN	BB440	75	3.53	142	58.42	75	08	05	05	610	?	X	X	STD
CANADA BASIN	BB442	75	4.14	142	47.73	75	08	05	16	593	?	X	X	STD
CANADA BASIN	BB444	75	1.95	142	44.99	75	08	06	04	590	?	X	X	STD
CANADA BASIN	BB446	75	0.77	142	42.01	75	08	06	17	591	?	X	X	STD
CANADA BASIN	BB448	74	59.80	142	38.32	75	08	07	04	590	?	X	X	STD
CANADA BASIN	BB450	74	59.06	142	36.23	75	08	07	17	591	?	X	X	STD
CANADA BASIN	BB451	74	58.56	142	33.32	75	08	08	03	591	?	X	X	STD

CANADA BASIN	BB453	74	58.82	142	26.07	75	08	08	16	590	?	X	X	STD
CANADA BASIN	BB457	74	55.63	141	47.85	75	08	09	17	589	?	X	X	STD
CANADA BASIN	BB459	74	52.91	141	36.17	75	08	10	04	586	?	X	X	STD
CANADA BASIN	BB461	74	44.00	141	17.35	75	08	11	17	588	?	X	X	STD
CANADA BASIN	BB463	74	41.88	141	8.29	75	08	12	04	587	?	X	X	STD
CANADA BASIN	BB465	74	40.55	140	57.63	75	08	12	17	590	?	X	X	STD
CANADA BASIN	BB467	74	40.65	140	50.53	75	08	13	04	590	?	X	X	STD
CANADA BASIN	BB469	74	43.48	140	28.87	75	08	14	04	590	?	X	X	STD
CANADA BASIN	BB471	74	41.39	140	16.63	75	08	14	17	589	?	X	X	STD
CANADA BASIN	BB473	74	41.34	140	13.14	75	08	15	04	589	?	X	X	STD
CANADA BASIN	BB475	74	42.97	140	14.77	75	08	15	17	589	?	X	X	STD
CANADA BASIN	BB477	74	44.00	140	13.35	75	08	16	17	590	?	X	X	STD
CANADA BASIN	BB479	74	41.68	140	16.60	75	08	17	05	588	?	X	X	STD
CANADA BASIN	BB481	74	40.08	140	24.14	75	08	17	17	591	?	X	X	STD
CANADA BASIN	BB483	74	39.61	140	29.12	75	08	18	04	588	?	X	X	STD
CANADA BASIN	BB485	74	39.16	140	32.39	75	08	18	16	591	?	X	X	STD
CANADA BASIN	BB487	74	38.84	140	41.35	75	08	19	05	590	?	X	X	STD
CANADA BASIN	BB489	74	38.83	140	47.85	75	08	19	17	590	?	X	X	STD
CANADA BASIN	BB491	74	39.88	141	1.11	75	08	20	05	588	?	X	X	STD
CANADA BASIN	BB493	74	40.19	141	14.18	75	08	20	17	589	?	X	X	STD
CANADA BASIN	BB495	74	40.43	141	22.90	75	08	21	04	588	?	X	X	STD
CANADA BASIN	BB497	74	40.36	141	26.39	75	08	21	16	590	?	X	X	STD
CANADA BASIN	BB499	74	39.00	141	25.88	75	08	22	04	590	?	X	X	STD
CANADA BASIN	BB501	74	37.38	141	22.28	75	08	22	17	592	?	X	X	STD
CANADA BASIN	BB503	74	35.29	141	16.99	75	08	23	04	589	?	X	X	STD
CANADA BASIN	BB505	74	32.78	141	13.24	75	08	23	17	591	?	X	X	STD
CANADA BASIN	BB507	74	31.69	141	11.60	75	08	24	04	594	?	X	X	STD
CANADA BASIN	BB509	74	31.34	141	9.22	75	08	24	17	610	?	X	X	STD
CANADA BASIN	BB511	74	30.71	140	48.69	75	08	25	17	588	?	X	X	STD
CANADA BASIN	BB513	74	31.07	140	43.84	75	08	26	04	590	?	X	X	STD
CANADA BASIN	BB515	74	33.40	140	43.34	75	08	26	17	588	?	X	X	STD
CANADA BASIN	BB517	74	34.24	140	34.27	75	08	27	04	589	?	X	X	STD
CANADA BASIN	BB519	74	29.87	140	19.63	75	08	27	17	588	?	X	X	STD
CANADA BASIN	BB521	74	25.43	140	6.00	75	08	28	04	589	?	X	X	STD
CANADA BASIN	BB525	74	22.45	139	42.58	75	08	29	04	583	?	X	X	STD
CANADA BASIN	BB527	74	19.24	139	32.96	75	08	29	17	589	?	X	X	STD
CANADA BASIN	BB529	74	11.81	139	25.90	75	08	31	05	589	?	X	X	STD
CANADA BASIN	BB530	74	8.49	139	19.08	75	09	01	03	593	?	X	X	STD
CANADA BASIN	BB531	73	52.73	137	27.17	75	09	21	06	492	?	X	X	STD
CANADA BASIN	BB535	73	49.43	136	52.15	75	09	22	04	728	?	X	X	STD
CANADA BASIN	BB537	73	48.34	136	47.79	75	09	22	18	727	?	X	X	STD
CANADA BASIN	BB539	73	47.67	136	52.53	75	09	23	03	721	?	X	X	STD
CANADA BASIN	BB541	73	45.97	137	3.79	75	09	23	18	727	?	X	X	STD
CANADA BASIN	BB543	73	44.47	137	0.70	75	09	24	03	727	?	X	X	STD
CANADA BASIN	BB545	73	41.43	136	47.78	75	09	24	18	729	?	X	X	STD
CANADA BASIN	BB547	73	38.69	136	36.35	75	09	25	04	726	?	X	X	STD
CANADA BASIN	BB549	73	35.80	136	36.03	75	09	25	17	728	?	X	X	STD
CANADA BASIN	BB551	73	30.34	136	29.50	75	09	28	03	726	?	X	X	STD
CANADA BASIN	BB553	73	28.82	136	24.05	75	09	28	18	729	?	X	X	STD
CANADA BASIN	BB555	73	28.50	136	24.48	75	09	29	03	722	?	X	X	STD
CANADA BASIN	BB557	73	28.44	136	24.54	75	09	29	17	2933	?	X	X	STD
CANADA BASIN	BB559	73	28.76	136	23.48	75	09	30	02	729	?	X	X	STD
CANADA BASIN	BB561	73	30.30	136	33.71	75	09	30	16	724	?	X	X	STD
CANADA BASIN	BB562	73	31.10	136	42.88	75	10	01	03	725	?	X	X	STD

11.6 AIDJEX 1975-1976 PROFILING CURRENT-METER DATA

This section lists the profiling current meter stations collected during AIDJEX 1975-1976. All the stations are presented, even those outside the boundaries of this compilation.

The following headings are used:

AREA	General area of station.
STN	Station number; CB - Caribou Camp BF - Blue Fox Camp SB - Snowbird Camp BB - Big Bear Camp
LAT, LONG	In degrees and minutes.
YR	Year
MO	Month
DY	Day
HR	Hour (GMT
PROFILE TO	Maximum data depth (m); * indicates a time series of measurements.
PARAM MEAS	Parameters measured - pressure, current speed, and direction. Qualification symbols are: X - measurements of this parameter were made
INSTR	Instrument type: TSK - Tsurumi-Seiki Co.

PROFILING CURRENT METER DATA SET NUMBER: 75-0005
YEAR: 1975 VESSEL/AGENCY: AIDJEX

AREA	STN	LAT		LON		DATE				PROFILE TO (M)	PARAM MEAS			INSTR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR		P	S	D	
CANADA BASIN	CB 1	74	35.46	144	6.57	75	8	5	7	190	X	X	X	TSK
CANADA BASIN	CB 2	74	30.05	143	44.30	75	8	8	6	200	X	X	X	TSK
CANADA BASIN	CB 3	74	30.34	143	29.45	75	8	8	23	130	X	X	X	TSK
CANADA BASIN	CB 4	74	29.72	143	16.74	75	8	9	3	*	X	X	X	TSK
CANADA BASIN	CB 5	74	24.51	142	52.12	75	8	9	22	194	X	X	X	TSK
CANADA BASIN	CB 6	74	24.16	142	50.44	75	8	10	1	*	X	X	X	TSK
CANADA BASIN	CB 7	74	16.27	142	33.39	75	8	10	23	190	X	X	X	TSK
CANADA BASIN	CB 8	74	16.16	142	32.34	75	8	11	2	*	X	X	X	TSK
CANADA BASIN	CB 9	74	10.79	142	16.91	75	8	11	23	190	X	X	X	TSK
CANADA BASIN	CB 10	74	12.13	141	44.66	75	8	13	23	200	X	X	X	TSK
CANADA BASIN	CB 11	74	10.41	141	33.15	75	8	15	22	200	X	X	X	TSK
CANADA BASIN	CB 12	74	10.13	141	34.47	75	8	16	23	195	X	X	X	TSK
CANADA BASIN	CB 13	74	6.51	141	50.52	75	8	17	22	195	X	X	X	TSK
CANADA BASIN	CB 14	74	6.71	142	21.30	75	8	19	22	200	X	X	X	TSK
CANADA BASIN	CB 15	74	7.60	142	43.25	75	8	20	22	200	X	X	X	TSK
CANADA BASIN	CB 16	74	4.59	142	44.53	75	8	22	22	200	X	X	X	TSK
CANADA BASIN	CB 17	74	1.29	142	39.85	75	8	23	22	200	X	X	X	TSK
CANADA BASIN	CB 18	74	0.86	142	34.25	75	8	24	22	200	X	X	X	TSK
CANADA BASIN	CB 19	74	0.95	142	20.96	75	8	25	23	195	X	X	X	TSK
CANADA BASIN	CB 20	74	5.03	142	15.74	75	8	26	22	200	X	X	X	TSK
CANADA BASIN	CB 21	73	57.69	141	45.93	75	8	27	22	171	X	X	X	TSK
CANADA BASIN	CB 22	73	52.29	141	20.58	75	8	28	22	195	X	X	X	TSK
CANADA BASIN	CB 23	73	45.63	141	3.49	75	8	29	23	200	X	X	X	TSK
CANADA BASIN	CB 24	73	43.76	141	5.41	75	8	30	22	200	X	X	X	TSK
CANADA BASIN	CB 25	73	34.40	140	47.34	75	9	1	22	200	X	X	X	TSK
CANADA BASIN	CB 26	73	30.13	140	42.27	75	9	2	23	200	X	X	X	TSK
CANADA BASIN	CB 27	73	30.95	140	39.05	75	9	3	22	200	X	X	X	TSK
CANADA BASIN	CB 28	73	26.02	140	24.62	75	9	5	22	200	X	X	X	TSK
CANADA BASIN	CB 29	73	25.13	140	37.30	75	9	6	22	200	X	X	X	TSK
CANADA BASIN	CB 30	73	23.68	140	32.57	75	9	8	22	200	X	X	X	TSK
CANADA BASIN	CB 31	73	23.51	140	9.85	75	9	9	22	200	X	X	X	TSK
CANADA BASIN	CB 32	73	22.13	139	53.85	75	9	10	22	200	X	X	X	TSK
CANADA BASIN	CB 33	73	22.79	139	36.46	75	9	11	23	200	X	X	X	TSK
CANADA BASIN	CB 34	73	23.83	139	16.01	75	9	12	23	200	X	X	X	TSK
CANADA BASIN	CB 35	73	22.25	139	1.82	75	9	13	22	200	X	X	X	TSK
CANADA BASIN	CB 36	73	20.81	138	47.64	75	9	14	23	200	X	X	X	TSK
CANADA BASIN	CB 37	73	22.58	139	2.62	75	9	15	22	200	X	X	X	TSK
CANADA BASIN	CB 38	73	29.12	139	13.93	75	9	17	23	200	X	X	X	TSK
CANADA BASIN	CB 39	73	27.75	139	14.06	75	9	18	23	200	X	X	X	TSK
CANADA BASIN	CB 40	73	25.48	139	32.24	75	9	19	22	200	X	X	X	TSK
CANADA BASIN	CB 41	73	22.81	139	28.04	75	9	20	22	200	X	X	X	TSK
CANADA BASIN	CB 42	73	22.48	138	51.67	75	9	21	22	200	X	X	X	TSK
CANADA BASIN	CB 43	73	20.88	138	32.49	75	9	22	22	200	X	X	X	TSK
CANADA BASIN	CB 44	73	13.27	138	29.40	75	9	24	23	200	X	X	X	TSK
CANADA BASIN	CB 45	73	6.28	138	17.55	75	9	27	23	200	X	X	X	TSK
CANADA BASIN	CB 46	73	6.37	138	19.12	75	9	28	23	200	X	X	X	TSK
CANADA BASIN	CB 47	73	26.27	140	1.47	75	10	4	23	200	X	X	X	TSK
CANADA BASIN	CB 48	73	27.03	140	11.50	75	10	5	23	200	X	X	X	TSK
CANADA BASIN	CB 49	73	17.51	140	10.44	75	10	11	22	200	X	X	X	TSK
CANADA BASIN	CB 50	73	18.40	139	58.43	75	10	12	23	200	X	X	X	TSK
CANADA BASIN	CB 51	73	16.27	140	7.53	75	10	13	22	200	X	X	X	TSK
CANADA BASIN	CB 52	73	17.75	141	35.58	75	10	23	20	200	X	X	X	TSK
CANADA BASIN	CB 53	73	23.34	141	45.28	75	10	25	6	200	X	X	X	TSK
CANADA BASIN	CB 54	73	13.95	141	9.01	75	10	27	20	199	X	X	X	TSK
CANADA BASIN	CB 55	73	2.97	141	16.79	75	10	29	8	197	X	X	X	TSK
CANADA BASIN	CB 56	72	49.32	141	11.92	75	10	31	1	200	X	X	X	TSK
CANADA BASIN	CB 57	72	47.41	141	9.34	75	11	1	3	190	X	X	X	TSK
CANADA BASIN	CB 58	72	47.18	141	6.31	75	11	2	6	200	X	X	X	TSK
CANADA BASIN	CB 59	72	47.31	141	6.47	75	11	3	1	200	X	X	X	TSK
CANADA BASIN	CB 60	72	48.10	141	9.44	75	11	4	2	200	X	X	X	TSK
CANADA BASIN	CB 61	72	50.84	141	8.40	75	11	6	9	198	X	X	X	TSK
CANADA BASIN	CB 62	72	51.74	141	0.48	75	11	6	22	198	X	X	X	TSK
CANADA BASIN	CB 63	72	52.72	140	55.40	75	11	7	21	198	X	X	X	TSK
CANADA BASIN	CB 64	72	52.52	140	48.45	75	11	11	9	200	X	X	X	TSK
CANADA BASIN	CB 65	72	52.51	140	48.30	75	11	11	19	200	X	X	X	TSK
CANADA BASIN	CB 66	72	52.42	140	48.31	75	11	12	5	200	X	X	X	TSK
CANADA BASIN	CB 67	72	51.78	140	51.99	75	11	12	18	200	X	X	X	TSK
CANADA BASIN	CB 68	72	51.10	140	58.51	75	11	13	5	200	X	X	X	TSK
CANADA BASIN	CB 69	72	50.69	141	0.93	75	11	13	8	*	X	X	X	TSK
CANADA BASIN	CB 70	72	47.81	141	14.37	75	11	14	2	*	X	X	X	TSK
CANADA BASIN	CB 71	72	47.06	141	17.17	75	11	14	5	198	X	X	X	TSK

CANADA BASIN	CB 72	72	44.25	141	23.05	75	11	14	18	197	X	X	X	TSK
CANADA BASIN	CB 73	72	43.70	141	22.41	75	11	15	6	200	X	X	X	TSK
CANADA BASIN	CB 74	72	43.10	141	21.73	75	11	16	6	196	X	X	X	TSK
CANADA BASIN	CB 75	72	43.09	141	21.75	75	11	16	19	196	X	X	X	TSK
CANADA BASIN	CB 76	72	43.12	141	21.63	75	11	17	6	200	X	X	X	TSK
CANADA BASIN	CB 77	72	43.11	141	21.73	75	11	17	21	200	X	X	X	TSK
CANADA BASIN	CB 78	72	43.10	141	21.73	75	11	18	7	200	X	X	X	TSK
CANADA BASIN	CB 79	72	43.10	141	21.73	75	11	18	21	200	X	X	X	TSK
CANADA BASIN	CB 80	72	43.12	141	21.64	75	11	19	7	200	X	X	X	TSK
CANADA BASIN	CB 81	72	43.12	141	21.93	75	11	19	19	200	X	X	X	TSK
CANADA BASIN	CB 82	72	43.38	141	23.82	75	11	20		*	X	X	X	TSK
CANADA BASIN	CB 83	72	44.44	141	27.47	75	11	20	6	196	X	X	X	TSK
CANADA BASIN	CB 84	72	48.35	141	39.30	75	11	20	21	200	X	X	X	TSK
CANADA BASIN	CB 85	72	56.83	142	2.11	75	11	21	19	194	X	X	X	TSK
CANADA BASIN	CB 86	72	57.07	142	2.56	75	11	21	20	192	X	X	X	TSK
CANADA BASIN	CB 87	73	1.46	142	9.91	75	11	22	5	190	X	X	X	TSK
CANADA BASIN	CB 88	73	5.58	142	13.17	75	11	22	21	197	X	X	X	TSK
CANADA BASIN	CB 89	73	6.16	142	15.04	75	11	23	6	198	X	X	X	TSK
CANADA BASIN	CB 90	73	6.77	142	21.87	75	11	23	19	196	X	X	X	TSK
CANADA BASIN	CB 91	73	7.28	142	23.52	75	11	24	6	195	X	X	X	TSK
CANADA BASIN	CB 92	73	7.38	142	23.51	75	11	24	19	200	X	X	X	TSK
CANADA BASIN	CB 93	73	7.59	142	27.40	75	11	25	6	194	X	X	X	TSK
CANADA BASIN	CB 94	73	7.64	142	29.71	75	11	25	10	192	X	X	X	TSK
CANADA BASIN	CB 95	73	8.32	142	39.24	75	11	26		183	X	X	X	TSK
CANADA BASIN	CB 96	73	9.18	142	43.51	75	11	26	6	178	X	X	X	TSK
CANADA BASIN	CB 97	73	11.96	142	51.34	75	11	26	20	200	X	X	X	TSK
CANADA BASIN	CB 98	73	13.00	142	53.64	75	11	27	6	170	X	X	X	TSK
CANADA BASIN	CB 99	73	13.32	142	54.05	75	11	27	20	200	X	X	X	TSK
CANADA BASIN	CB100	73	13.49	142	55.29	75	11	28	7	200	X	X	X	TSK
CANADA BASIN	CB101	73	13.96	143	0.87	75	11	28	20	200	X	X	X	TSK
CANADA BASIN	CB102	73	14.35	143	6.16	75	11	29	6	196	X	X	X	TSK
CANADA BASIN	CB103	73	14.01	143	9.77	75	11	29	20	200	X	X	X	TSK
CANADA BASIN	CB104	73	9.20	143	0.27	75	12	1	13	185	X	X	X	TSK
CANADA BASIN	CB105	73	7.45	142	59.51	75	12	1	19	195	X	X	X	TSK
CANADA BASIN	CB106	73	5.84	143	1.74	75	12	2	6	190	X	X	X	TSK
CANADA BASIN	CB107	73	4.05	143	0.77	75	12	2	20	198	X	X	X	TSK
CANADA BASIN	CB108	73	3.50	142	56.95	75	12	3	19	200	X	X	X	TSK
CANADA BASIN	CB109	73	3.50	142	56.73	75	12	3	20	200	X	X	X	TSK
CANADA BASIN	CB110	73	3.41	142	56.69	75	12	4	6	200	X	X	X	TSK
CANADA BASIN	CB111	73	3.38	142	56.57	75	12	4	21	200	X	X	X	TSK
CANADA BASIN	CB112	73	3.35	142	55.92	75	12	5	6	200	X	X	X	TSK
CANADA BASIN	CB113	73	3.30	142	55.94	75	12	5	19	200	X	X	X	TSK
CANADA BASIN	CB114	73	3.24	142	55.67	75	12	6	6	200	X	X	X	TSK
CANADA BASIN	CB115	73	3.18	142	55.30	75	12	6	23	200	X	X	X	TSK
CANADA BASIN	CB116	73	3.10	142	54.62	75	12	7	5	200	X	X	X	TSK
CANADA BASIN	CB117	73	4.63	142	48.01	75	12	7	21	195	X	X	X	TSK
CANADA BASIN	CB118	73	7.10	142	45.96	75	12	8	7	200	X	X	X	TSK
CANADA BASIN	CB119	73	8.26	142	47.82	75	12	8	11	198	X	X	X	TSK
CANADA BASIN	CB120	73	9.44	142	53.92	75	12	8	21	197	X	X	X	TSK
CANADA BASIN	CB121	73	9.03	142	57.57	75	12	9	7	200	X	X	X	TSK
CANADA BASIN	CB122	73	8.98	142	57.68	75	12	9	8	190	X	X	X	TSK
CANADA BASIN	CB123	73	8.82	142	57.83	75	12	9	9	150	X	X	X	TSK
CANADA BASIN	CB124	73	7.62	142	57.11	75	12	9	22	200	X	X	X	TSK
CANADA BASIN	CB125	73	5.58	142	47.94	75	12	10	19	196	X	X	X	TSK
CANADA BASIN	CB126	73	4.12	142	44.85	75	12	11	7	200	X	X	X	TSK
CANADA BASIN	CB127	73	3.51	142	43.70	75	12	11	20	200	X	X	X	TSK
CANADA BASIN	CB128	73	7.20	143	2.41	75	12	15	7	199	X	X	X	TSK
CANADA BASIN	CB129	73	7.50	142	57.41	75	12	16	7	200	X	X	X	TSK
CANADA BASIN	CB130	73	8.14	143	5.75	75	12	16	22	200	X	X	X	TSK
CANADA BASIN	CB131	73	9.06	143	13.10	75	12	17	7	200	X	X	X	TSK
CANADA BASIN	CB132	73	8.47	143	23.25	75	12	17	22	198	X	X	X	TSK
CANADA BASIN	CB133	73	6.57	143	22.80	75	12	18	7	184	X	X	X	TSK
CANADA BASIN	CB134	73	4.02	143	18.80	75	12	18	20	200	X	X	X	TSK
CANADA BASIN	CB135	73	2.18	143	12.02	75	12	19	20	200	X	X	X	TSK
CANADA BASIN	CB136	73	1.68	143	9.16	75	12	20	21	200	X	X	X	TSK
CANADA BASIN	CB137	73	1.62	143	7.37	75	12	21	19	199	X	X	X	TSK
CANADA BASIN	CB138	73	1.66	143	7.33	75	12	22	6	200	X	X	X	TSK
CANADA BASIN	CB139	73	2.13	143	11.11	75	12	22	20	200	X	X	X	TSK
CANADA BASIN	CB140	73	2.40	143	13.53	75	12	23	6	200	X	X	X	TSK
CANADA BASIN	CB141	73	2.45	143	14.90	75	12	23	20	200	X	X	X	TSK
CANADA BASIN	CB142	73	2.21	143	14.00	75	12	24	6	198	X	X	X	TSK
CANADA BASIN	CB143	73	1.74	143	12.86	75	12	24	19	200	X	X	X	TSK
CANADA BASIN	CB144	73	1.52	143	12.66	75	12	27	7	200	X	X	X	TSK
CANADA BASIN	CB145	73	1.96	143	18.38	75	12	27	20	200	X	X	X	TSK
CANADA BASIN	CB146	73	2.79	143	25.56	75	12	28	7	200	X	X	X	TSK
CANADA BASIN	CB147	73	3.76	143	32.40	75	12	29	5	200	X	X	X	TSK
CANADA BASIN	CB148	73	2.93	143	27.33	75	12	29	20	196	X	X	X	TSK
CANADA BASIN	CB149	73	2.56	143	23.76	75	12	30	6	195	X	X	X	TSK
CANADA BASIN	CB150	73	2.20	143	19.45	75	12	30	19	200	X	X	X	TSK
CANADA BASIN	CB151	73	2.22	143	18.92	75	12	31	6	200	X	X	X	TSK
CANADA BASIN	CB152	73	4.01	143	28.04	75	12	31	23	193	X	X	X	TSK
CANADA BASIN	CB153	73	5.17	143	33.06	76	1	1	6	196	X	X	X	TSK
CANADA BASIN	CB154	73	6.42	143	35.01	76	1	2	7	200	X	X	X	TSK

CANADA BASIN	CB155	73	7.70	143	38.82	76	1	2	20	196	X	X	X	TSK
CANADA BASIN	CB156	73	8.86	143	43.30	76	1	3	6	195	X	X	X	TSK
CANADA BASIN	CB157	73	11.99	143	50.06	76	1	3	21	193	X	X	X	TSK
CANADA BASIN	CB158	73	14.76	143	54.58	76	1	4	6	196	X	X	X	TSK
CANADA BASIN	CB159	73	16.60	143	58.18	76	1	4	12	*	X	X	X	TSK
CANADA BASIN	CB160	73	19.50	144	4.04	76	1	4	20	193	X	X	X	TSK
CANADA BASIN	CB161	73	21.83	144	9.75	76	1	5	8	198	X	X	X	TSK
CANADA BASIN	CB162	73	22.54	144	11.09	76	1	5	19	200	X	X	X	TSK
CANADA BASIN	CB163	73	22.64	144	10.78	76	1	6	7	200	X	X	X	TSK
CANADA BASIN	CB164	73	22.89	144	8.48	76	1	6	20	200	X	X	X	TSK
CANADA BASIN	CB165	73	23.94	144	8.85	76	1	7	20	200	X	X	X	TSK
CANADA BASIN	CB166	73	22.84	144	11.16	76	1	9	1	195	X	X	X	TSK
CANADA BASIN	CB167	73	21.95	144	12.05	76	1	9	6	192	X	X	X	TSK
CANADA BASIN	CB168	73	18.81	144	7.15	76	1	10	2	197	X	X	X	TSK
CANADA BASIN	CB169	73	17.38	143	52.60	76	1	10	22	177	X	X	X	TSK
CANADA BASIN	CB170	73	16.66	143	43.08	76	1	11	7	192	X	X	X	TSK
CANADA BASIN	CB171	73	10.83	143	33.06	76	1	12		192	X	X	X	TSK
CANADA BASIN	CB172	73	8.56	143	26.43	76	1	13	8	200	X	X	X	TSK
CANADA BASIN	CB173	73	8.58	143	26.41	76	1	13	19	200	X	X	X	TSK
CANADA BASIN	CB174	73	8.59	143	26.49	76	1	14	6	200	X	X	X	TSK
CANADA BASIN	CB175	73	9.22	143	27.23	76	1	14	19	200	X	X	X	TSK
CANADA BASIN	CB176	73	10.44	143	28.65	76	1	15	7	200	X	X	X	TSK
CANADA BASIN	CB177	73	10.50	143	28.77	76	1	15	9	200	X	X	X	TSK
CANADA BASIN	CB178	73	10.50	143	29.06	76	1	15	20	196	X	X	X	TSK
CANADA BASIN	CB179	73	2.87	143	24.63	76	1	26	2	200	X	X	X	TSK
CANADA BASIN	CB180	73	2.85	143	24.24	76	1	26	22	200	X	X	X	TSK
CANADA BASIN	CB181	73	2.84	143	24.70	76	1	28	8	200	X	X	X	TSK
CANADA BASIN	CB182	73	2.85	143	24.66	76	1	28	20	200	X	X	X	TSK
CANADA BASIN	CB183	73	2.86	143	24.67	76	1	29	8	200	X	X	X	TSK
CANADA BASIN	CB184	73	3.19	143	32.79	76	1	30	3	187	X	X	X	TSK
CANADA BASIN	CB185	73	3.61	144	1.71	76	1	31	5	191	X	X	X	TSK
CANADA BASIN	CB186	73	4.62	144	11.74	76	1	31	20	*	X	X	X	TSK
CANADA BASIN	CB187	73	6.00	144	13.73	76	2	1	10	190	X	X	X	TSK
CANADA BASIN	CB188	73	6.75	144	13.60	76	2	1	23	187	X	X	X	TSK
CANADA BASIN	CB189	73	6.82	144	12.29	76	2	2	4	192	X	X	X	TSK
CANADA BASIN	CB190	73	6.84	144	9.79	76	2	2	11	190	X	X	X	TSK
CANADA BASIN	CB191	73	6.82	144	7.37	76	2	2	17	191	X	X	X	TSK
CANADA BASIN	CB192	73	6.85	144	5.06	76	2	2	22	192	X	X	X	TSK
CANADA BASIN	CB193	73	6.82	144	1.89	76	2	3	5	190	X	X	X	TSK
CANADA BASIN	CB194	73	6.79	144	0.06	76	2	3	10	190	X	X	X	TSK
CANADA BASIN	CB195	73	6.76	143	59.48	76	2	3	16	200	X	X	X	TSK
CANADA BASIN	CB196	73	6.70	144	0.33	76	2	3	23	191	X	X	X	TSK
CANADA BASIN	CB197	73	6.40	144	1.85	76	2	4	4	200	X	X	X	TSK
CANADA BASIN	CB198	73	5.95	144	1.67	76	2	4	10	200	X	X	X	TSK
CANADA BASIN	CB199	73	5.84	144	1.26	76	2	4	16	200	X	X	X	TSK
CANADA BASIN	CB200	73	5.71	144	1.28	76	2	4	22	200	X	X	X	TSK
CANADA BASIN	CB201	73	5.56	144	2.49	76	2	5	4	200	X	X	X	TSK
CANADA BASIN	CB202	73	5.41	144	2.71	76	2	5	10	200	X	X	X	TSK
CANADA BASIN	CB203	73	5.20	144	2.90	76	2	5	16	200	X	X	X	TSK
CANADA BASIN	CB204	73	4.73	144	3.36	76	2	5	23	192	X	X	X	TSK
CANADA BASIN	CB205	73	4.11	144	3.71	76	2	6	4	192	X	X	X	TSK
CANADA BASIN	CB206	73	3.28	144	2.05	76	2	6	10	191	X	X	X	TSK
CANADA BASIN	CB207	73	2.66	143	59.19	76	2	6	16	191	X	X	X	TSK
CANADA BASIN	CB208	73	2.36	143	55.15	76	2	6	22	190	X	X	X	TSK
CANADA BASIN	CB209	73	1.86	143	51.14	76	2	7	4	191	X	X	X	TSK
CANADA BASIN	CB210	73	1.17	143	46.12	76	2	7	10	188	X	X	X	TSK
CANADA BASIN	CB211	73	0.30	143	40.40	76	2	7	17	189	X	X	X	TSK
CANADA BASIN	CB212	72	59.53	143	37.06	76	2	7	22	190	X	X	X	TSK
CANADA BASIN	CB213	72	58.77	143	34.33	76	2	8	6	194	X	X	X	TSK
CANADA BASIN	CB214	72	58.25	143	32.45	76	2	8	10	190	X	X	X	TSK
CANADA BASIN	CB215	72	57.58	143	29.89	76	2	8	16	192	X	X	X	TSK
CANADA BASIN	CB216	72	56.99	143	27.27	76	2	8	22	192	X	X	X	TSK
CANADA BASIN	CB217	72	56.38	143	24.05	76	2	9	4	190	X	X	X	TSK
CANADA BASIN	CB218	72	55.99	143	21.65	76	2	9	10	190	X	X	X	TSK
CANADA BASIN	CB219	72	55.71	143	19.28	76	2	9	23	200	X	X	X	TSK
CANADA BASIN	CB220	72	55.68	143	19.18	76	2	10	4	200	X	X	X	TSK
CANADA BASIN	CB221	72	55.71	143	19.21	76	2	10	10	200	X	X	X	TSK
CANADA BASIN	CB222	72	55.68	143	19.31	76	2	10	19	200	X	X	X	TSK
CANADA BASIN	CB223	72	55.69	143	19.30	76	2	10	22	200	X	X	X	TSK
CANADA BASIN	CB224	72	55.69	143	19.42	76	2	11	4	200	X	X	X	TSK
CANADA BASIN	CB225	72	55.68	143	19.31	76	2	11	10	200	X	X	X	TSK
CANADA BASIN	CB226	72	55.67	143	19.32	76	2	11	16	200	X	X	X	TSK
CANADA BASIN	CB227	72	55.64	143	19.04	76	2	11	22	190	X	X	X	TSK
CANADA BASIN	CB228	72	55.55	143	18.39	76	2	12	5	192	X	X	X	TSK
CANADA BASIN	CB229	72	55.21	143	17.16	76	2	12	11	190	X	X	X	TSK
CANADA BASIN	CB230	72	55.10	143	16.83	76	2	12	16	192	X	X	X	TSK
CANADA BASIN	CB231	72	54.91	143	16.12	76	2	12	23	200	X	X	X	TSK
CANADA BASIN	CB232	72	54.92	143	16.14	76	2	13	5	200	X	X	X	TSK
CANADA BASIN	CB233	72	54.92	143	16.18	76	2	13	11	200	X	X	X	TSK
CANADA BASIN	CB234	72	54.91	143	16.05	76	2	13	16	200	X	X	X	TSK
CANADA BASIN	CB235	72	54.90	143	16.13	76	2	13	23	200	X	X	X	TSK
CANADA BASIN	CB236	72	54.89	143	16.26	76	2	14	5	200	X	X	X	TSK
CANADA BASIN	CB237	72	54.90	143	16.06	76	2	14	10	200	X	X	X	TSK

CANADA BASIN	CB238	72	54.89	143	16.14	76	2	14	16	200	X	X	X	TSK
CANADA BASIN	CB239	72	54.90	143	16.14	76	2	14	22	200	X	X	X	TSK
CANADA BASIN	CB240	72	54.93	143	16.02	76	2	16	4	200	X	X	X	TSK
CANADA BASIN	CB241	72	54.87	143	16.26	76	2	16	11	200	X	X	X	TSK
CANADA BASIN	CB242	72	54.91	143	16.23	76	2	16	16	200	X	X	X	TSK
CANADA BASIN	CB243	72	54.91	143	16.16	76	2	16	22	200	X	X	X	TSK
CANADA BASIN	CB244	72	54.89	143	16.02	76	2	17	5	200	X	X	X	TSK
CANADA BASIN	CB245	72	54.90	143	16.18	76	2	17	10	200	X	X	X	TSK
CANADA BASIN	CB246	72	54.90	143	16.16	76	2	17	16	200	X	X	X	TSK
CANADA BASIN	CB247	72	54.89	143	16.23	76	2	18	5	200	X	X	X	TSK
CANADA BASIN	CB248	72	54.89	143	16.13	76	2	18	10	200	X	X	X	TSK
CANADA BASIN	CB249	72	54.89	143	16.21	76	2	18	16	200	X	X	X	TSK
CANADA BASIN	CB250	72	54.89	143	16.16	76	2	18	22	200	X	X	X	TSK
CANADA BASIN	CB251	72	54.89	143	16.08	76	2	19	5	200	X	X	X	TSK
CANADA BASIN	CB252	72	54.90	143	16.24	76	2	19	10	200	X	X	X	TSK
CANADA BASIN	CB253	72	54.89	143	16.27	76	2	19	16	200	X	X	X	TSK
CANADA BASIN	CB254	72	54.90	143	16.06	76	2	19	23	200	X	X	X	TSK
CANADA BASIN	CB255	72	54.89	143	16.44	76	2	20	4	200	X	X	X	TSK
CANADA BASIN	CB256	72	54.88	143	16.13	76	2	20	10	200	X	X	X	TSK
CANADA BASIN	CB257	72	54.90	143	16.01	76	2	20	16	200	X	X	X	TSK
CANADA BASIN	CB258	72	54.90	143	16.15	76	2	20	22	200	X	X	X	TSK
CANADA BASIN	CB259	72	54.89	143	16.13	76	2	21	5	200	X	X	X	TSK
CANADA BASIN	CB260	72	54.91	143	16.18	76	2	21	10	200	X	X	X	TSK
CANADA BASIN	CB261	72	54.90	143	16.31	76	2	21	16	200	X	X	X	TSK
CANADA BASIN	CB262	72	54.89	143	16.15	76	2	21	23	200	X	X	X	TSK
CANADA BASIN	CB263	72	54.89	143	15.96	76	2	22	5	200	X	X	X	TSK
CANADA BASIN	CB264	72	54.90	143	16.20	76	2	22	12	200	X	X	X	TSK
CANADA BASIN	CB265	72	54.89	143	16.14	76	2	22	16	200	X	X	X	TSK
CANADA BASIN	CB266	72	54.89	143	16.09	76	2	22	22	200	X	X	X	TSK
CANADA BASIN	CB267	72	54.89	143	16.23	76	2	23	5	200	X	X	X	TSK
CANADA BASIN	CB268	72	54.88	143	16.21	76	2	23	10	200	X	X	X	TSK
CANADA BASIN	CB269	72	54.88	143	16.18	76	2	23	16	200	X	X	X	TSK
CANADA BASIN	CB270	72	54.90	143	16.24	76	2	23	22	200	X	X	X	TSK
CANADA BASIN	CB271	72	54.89	143	16.19	76	2	24	5	200	X	X	X	TSK
CANADA BASIN	CB272	72	54.88	143	16.23	76	2	24	10	200	X	X	X	TSK
CANADA BASIN	CB273	72	54.90	143	16.24	76	2	24	16	200	X	X	X	TSK
CANADA BASIN	CB274	72	54.89	143	16.28	76	2	24	22	200	X	X	X	TSK
CANADA BASIN	CB275	72	54.89	143	16.29	76	2	25	4	200	X	X	X	TSK
CANADA BASIN	CB276	72	54.87	143	16.38	76	2	25	10	200	X	X	X	TSK
CANADA BASIN	CB277	72	54.91	143	16.35	76	2	25	19	200	X	X	X	TSK
CANADA BASIN	CB278	72	54.88	143	16.23	76	2	26	8	200	X	X	X	TSK
CANADA BASIN	CB279	72	54.91	143	16.13	76	2	26	19	200	X	X	X	TSK
CANADA BASIN	CB280	72	56.49	143	16.38	76	2	27	7	200	X	X	X	TSK
CANADA BASIN	CB281	72	56.75	143	14.11	76	2	27	20	200	X	X	X	TSK
CANADA BASIN	CB282	72	56.39	143	13.41	76	2	28	8	200	X	X	X	TSK
CANADA BASIN	CB283	72	56.41	143	13.72	76	2	28	19	200	X	X	X	TSK
CANADA BASIN	CB284	72	56.99	143	14.85	76	2	29	8	200	X	X	X	TSK
CANADA BASIN	CB285	72	59.36	143	20.14	76	3	1	7	200	X	X	X	TSK
CANADA BASIN	CB286	72	59.35	143	21.00	76	3	1	16	200	X	X	X	TSK
CANADA BASIN	CB287	72	59.07	143	21.06	76	3	2	7	200	X	X	X	TSK
CANADA BASIN	CB288	72	58.19	143	19.41	76	3	2	20	200	X	X	X	TSK
CANADA BASIN	CB289	72	57.69	143	19.24	76	3	3	7	200	X	X	X	TSK
CANADA BASIN	CB290	72	58.03	143	21.92	76	3	3	21	200	X	X	X	TSK
CANADA BASIN	CB291	72	58.57	143	28.28	76	3	4	4	189	X	X	X	TSK
CANADA BASIN	CB292	72	58.44	143	32.85	76	3	4	10	190	X	X	X	TSK
CANADA BASIN	CB293	72	57.78	143	41.12	76	3	4	21	189	X	X	X	TSK
CANADA BASIN	CB294	72	56.79	143	42.84	76	3	5	7	200	X	X	X	TSK
CANADA BASIN	CB295	72	56.37	143	41.05	76	3	5	20	200	X	X	X	TSK
CANADA BASIN	CB296	72	56.14	143	39.68	76	3	6	7	200	X	X	X	TSK
CANADA BASIN	CB297	72	56.14	143	38.88	76	3	6	20	200	X	X	X	TSK
CANADA BASIN	CB298	72	56.60	143	42.66	76	3	7	7	190	X	X	X	TSK
CANADA BASIN	CB299	72	57.87	143	51.57	76	3	7	19	188	X	X	X	TSK
CANADA BASIN	CB300	72	58.30	144	1.72	76	3	8	7	200	X	X	X	TSK
CANADA BASIN	CB301	72	58.49	144	10.96	76	3	8	20	190	X	X	X	TSK
CANADA BASIN	CB302	72	58.81	144	18.21	76	3	9	7	191	X	X	X	TSK
CANADA BASIN	CB303	72	58.88	144	20.90	76	3	9	16	173	X	X	X	TSK
CANADA BASIN	CB304	72	58.85	144	22.22	76	3	9	23	180	X	X	X	TSK
CANADA BASIN	CB305	72	58.78	144	24.06	76	3	10	4	191	X	X	X	TSK
CANADA BASIN	CB306	72	58.71	144	25.87	76	3	10	10	190	X	X	X	TSK
CANADA BASIN	CB307	72	58.57	144	27.84	76	3	10	19	190	X	X	X	TSK
CANADA BASIN	CB308	72	58.31	144	28.96	76	3	11	8	190	X	X	X	TSK
CANADA BASIN	CB309	72	58.30	144	28.62	76	3	11	20	190	X	X	X	TSK
CANADA BASIN	CB310	72	58.09	144	29.34	76	3	12	8	191	X	X	X	TSK
CANADA BASIN	CB311	72	58.07	144	29.25	76	3	12	20	190	X	X	X	TSK
CANADA BASIN	CB312	72	58.07	144	29.32	76	3	13	8	190	X	X	X	TSK
CANADA BASIN	CB313	72	57.72	144	29.17	76	3	13	19	190	X	X	X	TSK
CANADA BASIN	CB314	72	57.01	144	27.52	76	3	14	4	190	X	X	X	TSK
CANADA BASIN	CB315	72	56.19	144	25.88	76	3	14	10	189	X	X	X	TSK
CANADA BASIN	CB316	72	55.26	144	24.36	76	3	14	16	190	X	X	X	TSK
CANADA BASIN	CB317	72	53.98	144	22.61	76	3	14	23	190	X	X	X	TSK
CANADA BASIN	CB318	72	52.68	144	21.27	76	3	15	5	190	X	X	X	TSK
CANADA BASIN	CB319	72	51.54	144	19.05	76	3	15	10	189	X	X	X	TSK
CANADA BASIN	CB320	72	50.03	144	17.07	76	3	15	16	188	X	X	X	TSK

CANADA BASIN	CB321	72	48.74	144	15.19	76	3	15	23	190	X	X	X	TSK
CANADA BASIN	CB322	72	48.27	144	14.62	76	3	16	5	200	X	X	X	TSK
CANADA BASIN	CB323	72	48.20	144	14.78	76	3	16	10	191	X	X	X	TSK
CANADA BASIN	CB324	72	47.80	144	15.11	76	3	16	16	190	X	X	X	TSK
CANADA BASIN	CB325	72	46.78	144	14.60	76	3	16	23	190	X	X	X	TSK
CANADA BASIN	CB326	72	45.12	144	14.15	76	3	17	5	190	X	X	X	TSK
CANADA BASIN	CB327	72	44.01	144	12.41	76	3	17	10	190	X	X	X	TSK
CANADA BASIN	CB328	72	43.47	144	10.67	76	3	17	16	190	X	X	X	TSK
CANADA BASIN	CB329	72	43.35	144	9.92	76	3	17	23	200	X	X	X	TSK
CANADA BASIN	CB330	72	43.34	144	9.88	76	3	18	4	200	X	X	X	TSK
CANADA BASIN	CB331	72	43.35	144	9.86	76	3	18	19	200	X	X	X	TSK
CANADA BASIN	CB332	72	43.28	144	9.84	76	3	19	8	200	X	X	X	TSK
CANADA BASIN	CB333	72	43.34	144	9.92	76	3	19	19	200	X	X	X	TSK
CANADA BASIN	CB334	72	43.36	144	9.94	76	3	20	8	200	X	X	X	TSK
CANADA BASIN	CB335	72	43.34	144	9.90	76	3	20	20	200	X	X	X	TSK
CANADA BASIN	CB336	72	43.28	144	10.18	76	3	21	8	200	X	X	X	TSK
CANADA BASIN	CB337	72	43.34	144	9.97	76	3	21	20	200	X	X	X	TSK
CANADA BASIN	CB338	72	43.34	144	9.91	76	3	22	7	200	X	X	X	TSK
CANADA BASIN	CB339	72	43.34	144	9.92	76	3	22	20	200	X	X	X	TSK
CANADA BASIN	CB340	72	43.31	144	9.97	76	3	23	7	200	X	X	X	TSK
CANADA BASIN	CB341	72	43.33	144	9.98	76	3	23	20	200	X	X	X	TSK
CANADA BASIN	CB342	72	43.30	144	9.82	76	3	24	7	200	X	X	X	TSK
CANADA BASIN	CB343	72	43.33	144	9.82	76	3	24	20	200	X	X	X	TSK
CANADA BASIN	CB344	72	43.37	144	9.45	76	3	25	7	200	X	X	X	TSK
CANADA BASIN	CB345	72	43.37	144	9.42	76	3	25	19	200	X	X	X	TSK
CANADA BASIN	CB346	72	43.40	144	9.37	76	3	26	8	200	X	X	X	TSK
CANADA BASIN	CB347	72	43.36	144	9.47	76	3	26	20	200	X	X	X	TSK
CANADA BASIN	CB348	72	43.38	144	9.50	76	3	27	7	200	X	X	X	TSK
CANADA BASIN	CB349	72	43.34	144	9.63	76	3	27	19	200	X	X	X	TSK
CANADA BASIN	CB350	72	43.38	144	9.53	76	3	28	8	200	X	X	X	TSK
CANADA BASIN	CB351	72	43.36	144	9.55	76	3	28	19	200	X	X	X	TSK
CANADA BASIN	CB352	72	43.37	144	9.51	76	3	29	7	200	X	X	X	TSK
CANADA BASIN	CB353	72	43.37	144	9.53	76	3	29	19	200	X	X	X	TSK
CANADA BASIN	CB354	72	43.37	144	9.58	76	3	30	8	200	X	X	X	TSK
CANADA BASIN	CB355	72	43.36	144	9.61	76	3	30	19	200	X	X	X	TSK
CANADA BASIN	CB356	72	43.36	144	9.49	76	3	31	7	200	X	X	X	TSK
CANADA BASIN	CB357	72	43.37	144	9.40	76	3	31	19	200	X	X	X	TSK
CANADA BASIN	CB358	72	43.35	144	9.63	76	4	1	8	200	X	X	X	TSK
CANADA BASIN	CB359	72	43.37	144	9.53	76	4	1	19	200	X	X	X	TSK
CANADA BASIN	CB360	72	43.37	144	9.56	76	4	2	7	200	X	X	X	TSK
CANADA BASIN	CB361	72	43.36	144	9.55	76	4	3	8	200	X	X	X	TSK
CANADA BASIN	CB362	72	43.36	144	9.50	76	4	3	19	200	X	X	X	TSK
CANADA BASIN	CB363	72	43.26	144	9.53	76	4	4	8	200	X	X	X	TSK
CANADA BASIN	CB364	72	43.37	144	9.48	76	4	4	19	200	X	X	X	TSK
CANADA BASIN	CB365	72	42.93	144	14.67	76	4	5	9	200	X	X	X	TSK
CANADA BASIN	CB366	72	42.85	144	15.44	76	4	5	19	200	X	X	X	TSK
CANADA BASIN	CB367	72	42.81	144	17.48	76	4	6	9	200	X	X	X	TSK
CANADA BASIN	CB368	72	42.90	144	17.80	76	4	6	19	200	X	X	X	TSK
CANADA BASIN	CB369	72	42.85	144	17.54	76	4	7	7	200	X	X	X	TSK
CANADA BASIN	CB370	72	42.85	144	17.68	76	4	7	19	200	X	X	X	TSK
CANADA BASIN	CB371	72	42.82	144	17.86	76	4	8	7	200	X	X	X	TSK
CANADA BASIN	CB372	72	43.91	144	20.58	76	4	8	21	190	X	X	X	TSK
CANADA BASIN	CB373	72	45.50	144	23.36	76	4	9	7	190	X	X	X	TSK
CANADA BASIN	CB374	72	45.82	144	23.24	76	4	9	13	200	X	X	X	TSK
CANADA BASIN	CB375	72	44.14	144	26.80	76	4	10	7	200	X	X	X	TSK
CANADA BASIN	CB376	72	43.52	144	28.99	76	4	10	16	200	X	X	X	TSK
CANADA BASIN	CB377	72	43.11	144	34.92	76	4	11	8	190	X	X	X	TSK
CANADA BASIN	CB378	72	43.10	144	36.08	76	4	11	9	*	X	X	X	TSK
CANADA BASIN	CB379	72	43.43	144	42.71	76	4	11	17	191	X	X	X	TSK
CANADA BASIN	CB380	72	43.77	144	48.56	76	4	11	23	200	X	X	X	TSK
CANADA BASIN	CB381	72	44.46	144	54.00	76	4	12	7	200	X	X	X	TSK
CANADA BASIN	CB382	72	44.58	144	55.50	76	4	12	16	200	X	X	X	TSK
CANADA BASIN	CB383	72	44.34	144	54.01	76	4	13	7	200	X	X	X	TSK
CANADA BASIN	CB384	72	44.19	144	52.59	76	4	13	16	200	X	X	X	TSK
CANADA BASIN	CB385	72	43.98	144	50.15	76	4	14	7	200	X	X	X	TSK
CANADA BASIN	CB386	72	43.85	144	47.58	76	4	14	16	190	X	X	X	TSK
CANADA BASIN	CB387	72	43.96	144	40.35	76	4	15	1	190	X	X	X	TSK
CANADA BASIN	CB388	72	44.37	144	37.48	76	4	15	8	186	X	X	X	TSK
CANADA BASIN	CB389	72	44.92	144	33.92	76	4	15	16	190	X	X	X	TSK
CANADA BASIN	CB390	72	45.63	144	27.47	76	4	16	3	190	X	X	X	TSK
CANADA BASIN	CB391	72	45.78	144	26.64	76	4	16	8	200	X	X	X	TSK
CANADA BASIN	CB392	72	45.92	144	26.34	76	4	16	17	200	X	X	X	TSK
CANADA BASIN	CB393	72	45.52	144	26.33	76	4	17	7	200	X	X	X	TSK
CANADA BASIN	CB394	72	45.52	144	26.34	76	4	17	16	200	X	X	X	TSK
CANADA BASIN	CB395	72	45.53	144	27.73	76	4	18	8	200	X	X	X	TSK
CANADA BASIN	CB396	72	45.41	144	28.36	76	4	18	16	190	X	X	X	TSK
CANADA BASIN	CB397	72	45.09	144	35.31	76	4	19	8	200	X	X	X	TSK
CANADA BASIN	CB398	72	44.83	144	37.35	76	4	19	16	190	X	X	X	TSK
CANADA BASIN	CB399	72	44.03	144	43.00	76	4	20	7	200	X	X	X	TSK
CANADA BASIN	CB400	72	43.97	144	42.98	76	4	20	16	200	X	X	X	TSK
CANADA BASIN	CB401	72	43.57	144	48.59	76	4	21	8	200	X	X	X	TSK
CANADA BASIN	CB402	72	43.59	144	49.14	76	4	21	16	200	X	X	X	TSK
CANADA BASIN	CB403	72	43.51	144	53.19	76	4	22	7	200	X	X	X	TSK

CANADA BASIN	CB404		72	43.50	144	53.02	76	4	22	16	200	X	X	X	TSK
CANADA BASIN	BF	1	77	16.04	143	30.12	75	5	8	6	200	X	X	X	TSK
CANADA BASIN	BF	2	77	16.37	143	34.58	75	5	8	19	200	X	X	X	TSK
CANADA BASIN	BF	3	77	17.20	143	37.25	75	5	9	7	190	X	X	X	TSK
CANADA BASIN	BF	4	77	18.27	143	36.21	75	5	9	19	190	X	X	X	TSK
CANADA BASIN	BF	5	77	18.10	143	33.12	75	5	10	8	200	X	X	X	TSK
CANADA BASIN	BF	6	77	16.10	143	29.59	75	5	11		191	X	X	X	TSK
CANADA BASIN	BF	7	77	15.14	143	26.70	75	5	11	7	192	X	X	X	TSK
CANADA BASIN	BF	8	77	13.51	143	23.52	75	5	11	19	190	X	X	X	TSK
CANADA BASIN	BF	9	77	11.77	143	23.36	75	5	12	7	200	X	X	X	TSK
CANADA BASIN	BF	10	77	9.79	143	22.52	75	5	12	19	184	X	X	X	TSK
CANADA BASIN	BF	11	77	7.16	143	25.77	75	5	13	7	200	X	X	X	TSK
CANADA BASIN	BF	12	77	5.05	143	25.72	75	5	13	19	190	X	X	X	TSK
CANADA BASIN	BF	13	77	3.08	143	20.15	75	5	14	8	190	X	X	X	TSK
CANADA BASIN	BF	14	77	1.16	143	13.35	75	5	14	20	190	X	X	X	TSK
CANADA BASIN	BF	15	76	59.67	143	6.12	75	5	15	5	190	X	X	X	TSK
CANADA BASIN	BF	16	76	56.38	143	4.61	75	5	15	21	190	X	X	X	TSK
CANADA BASIN	BF	17	76	55.49	143	4.34	75	5	16	5	190	X	X	X	TSK
CANADA BASIN	BF	18	76	56.44	143	4.14	75	5	16	21	190	X	X	X	TSK
CANADA BASIN	BF	19	76	57.81	143	6.45	75	5	17	5	189	X	X	X	TSK
CANADA BASIN	BF	20	76	59.33	143	17.11	75	5	17	21	190	X	X	X	TSK
CANADA BASIN	BF	21	76	59.62	143	23.53	75	5	18	5	190	X	X	X	TSK
CANADA BASIN	BF	22	76	59.32	143	36.80	75	5	18	21	190	X	X	X	TSK
CANADA BASIN	BF	23	76	58.41	143	42.34	75	5	19	5	200	X	X	X	TSK
CANADA BASIN	BF	24	76	56.66	143	47.33	75	5	19	21	190	X	X	X	TSK
CANADA BASIN	BF	25	76	55.81	143	50.05	75	5	20	5	200	X	X	X	TSK
CANADA BASIN	BF	26	76	54.98	143	48.10	75	5	20	21	200	X	X	X	TSK
CANADA BASIN	BF	27	76	54.79	143	44.67	75	5	21	6	200	X	X	X	TSK
CANADA BASIN	BF	28	76	55.32	143	39.64	75	5	21	21	190	X	X	X	TSK
CANADA BASIN	BF	29	76	56.21	143	35.45	75	5	22	5	190	X	X	X	TSK
CANADA BASIN	BF	30	76	57.31	143	27.94	75	5	22	21	190	X	X	X	TSK
CANADA BASIN	BF	31	76	57.50	143	23.01	75	5	23	5	200	X	X	X	TSK
CANADA BASIN	BF	32	76	57.26	143	17.78	75	5	23	20	200	X	X	X	TSK
CANADA BASIN	BF	33	76	56.82	143	16.39	75	5	24	5	190	X	X	X	TSK
CANADA BASIN	BF	34	76	56.28	143	13.35	75	5	24	21	200	X	X	X	TSK
CANADA BASIN	BF	35	76	56.47	143	11.97	75	5	25	5	200	X	X	X	TSK
CANADA BASIN	BF	36	76	57.83	143	13.38	75	5	26		190	X	X	X	TSK
CANADA BASIN	BF	37	76	58.13	143	16.16	75	5	26	6	200	X	X	X	TSK
CANADA BASIN	BF	38	76	57.90	143	30.65	75	5	26	23	191	X	X	X	TSK
CANADA BASIN	BF	39	76	57.90	143	36.02	75	5	27	5	190	X	X	X	TSK
CANADA BASIN	BF	40	76	58.35	143	48.21	75	5	27	21	190	X	X	X	TSK
CANADA BASIN	BF	41	76	58.97	143	56.53	75	5	28	5	190	X	X	X	TSK
CANADA BASIN	BF	42	77	0.60	144	11.46	75	5	28	21	186	X	X	X	TSK
CANADA BASIN	BF	43	77	1.81	144	19.77	75	5	29	5	180	X	X	X	TSK
CANADA BASIN	BF	44	77	3.56	144	30.62	75	5	29	21	180	X	X	X	TSK
CANADA BASIN	BF	45	77	4.58	144	37.18	75	5	30	5	192	X	X	X	TSK
CANADA BASIN	BF	46	77	5.81	144	44.40	75	5	30	21	190	X	X	X	TSK
CANADA BASIN	BF	47	77	6.09	144	47.32	75	5	31	5	190	X	X	X	TSK
CANADA BASIN	BF	48	77	6.37	144	55.01	75	5	31	21	190	X	X	X	TSK
CANADA BASIN	BF	49	77	6.43	144	59.70	75	6	1	5	190	X	X	X	TSK
CANADA BASIN	BF	50	77	6.23	145	7.69	75	6	1	21	190	X	X	X	TSK
CANADA BASIN	BF	51	77	6.24	145	12.40	75	6	2	5	191	X	X	X	TSK
CANADA BASIN	BF	52	77	6.20	145	17.78	75	6	2	21	190	X	X	X	TSK
CANADA BASIN	BF	53	77	6.32	145	21.01	75	6	3	5	190	X	X	X	TSK
CANADA BASIN	BF	54	77	7.08	145	28.58	75	6	3	21	190	X	X	X	TSK
CANADA BASIN	BF	55	77	7.44	145	33.84	75	6	4	5	200	X	X	X	TSK
CANADA BASIN	BF	56	77	7.27	145	44.72	75	6	4	20	190	X	X	X	TSK
CANADA BASIN	BF	57	77	6.98	145	50.60	75	6	5	5	190	X	X	X	TSK
CANADA BASIN	BF	58	77	5.87	145	59.38	75	6	5	21	190	X	X	X	TSK
CANADA BASIN	BF	59	77	5.15	146	3.85	75	6	6	5	190	X	X	X	TSK
CANADA BASIN	BF	60	77	3.67	146	11.66	75	6	6	21	200	X	X	X	TSK
CANADA BASIN	BF	61	77	2.79	146	15.17	75	6	7	5	193	X	X	X	TSK
CANADA BASIN	BF	62	77	1.40	146	19.86	75	6	7	20	190	X	X	X	TSK
CANADA BASIN	BF	63	76	59.84	146	22.77	75	6	8	5	200	X	X	X	TSK
CANADA BASIN	BF	64	76	55.83	146	22.10	75	6	9	5	200	X	X	X	TSK
CANADA BASIN	BF	65	76	53.91	146	21.22	75	6	9	21	200	X	X	X	TSK
CANADA BASIN	BF	66	76	53.27	146	19.07	75	6	10	5	200	X	X	X	TSK
CANADA BASIN	BF	67	76	52.31	146	13.95	75	6	10	21	200	X	X	X	TSK
CANADA BASIN	BF	68	76	51.84	146	11.26	75	6	11	5	200	X	X	X	TSK
CANADA BASIN	BF	69	76	51.66	146	10.30	75	6	11	21	200	X	X	X	TSK
CANADA BASIN	BF	70	76	50.97	146	10.53	75	6	12	5	190	X	X	X	TSK
CANADA BASIN	BF	71	76	49.26	146	8.94	75	6	12	21	192	X	X	X	TSK
CANADA BASIN	BF	72	76	48.59	146	10.88	75	6	13	5	190	X	X	X	TSK
CANADA BASIN	BF	73	76	47.94	146	14.65	75	6	13	21	200	X	X	X	TSK
CANADA BASIN	BF	74	76	47.78	146	15.37	75	6	14	5	200	X	X	X	TSK
CANADA BASIN	BF	75	76	48.04	146	15.92	75	6	14	21	190	X	X	X	TSK
CANADA BASIN	BF	76	76	48.30	146	14.89	75	6	15	5	200	X	X	X	TSK
CANADA BASIN	BF	77	76	48.78	146	21.05	75	6	15	21	200	X	X	X	TSK
CANADA BASIN	BF	78	76	48.71	146	23.98	75	6	16	5	200	X	X	X	TSK
CANADA BASIN	BF	79	76	48.52	146	25.55	75	6	16	20	190	X	X	X	TSK
CANADA BASIN	BF	80	76	49.44	146	29.09	75	6	17	5	190	X	X	X	TSK
CANADA BASIN	BF	81	76	51.93	146	42.10	75	6	17	21	191	X	X	X	TSK
CANADA BASIN	BF	82	76	51.99	146	50.74	75	6	18	5	190	X	X	X	TSK

CANADA BASIN	BF 83	76	48.57	147	1.31	75	6	18	21	190	X	X	X	TSK
CANADA BASIN	BF 84	76	46.69	147	4.13	75	6	19	5	160	X	X	X	TSK
CANADA BASIN	BF 85	76	46.24	147	8.41	75	6	19	21	188	X	X	X	TSK
CANADA BASIN	BF 86	76	45.65	147	10.99	75	6	20	5	180	X	X	X	TSK
CANADA BASIN	BF 87	76	44.70	147	13.15	75	6	20	21	180	X	X	X	TSK
CANADA BASIN	BF 88	76	44.46	147	12.98	75	6	21	5	190	X	X	X	TSK
CANADA BASIN	BF 89	76	45.01	147	13.88	75	6	21	21	190	X	X	X	TSK
CANADA BASIN	BF 90	76	46.82	147	16.40	75	6	22	5	180	X	X	X	TSK
CANADA BASIN	BF 91	76	48.52	147	13.23	75	6	22	21	200	X	X	X	TSK
CANADA BASIN	BF 92	76	49.07	147	14.45	75	6	23	5	200	X	X	X	TSK
CANADA BASIN	BF 93	76	49.94	147	25.80	75	6	23	20	190	X	X	X	TSK
CANADA BASIN	BF 94	76	50.19	147	27.84	75	6	24	5	200	X	X	X	TSK
CANADA BASIN	BF 95	76	50.15	147	29.87	75	6	24	21	200	X	X	X	TSK
CANADA BASIN	BF 96	76	50.08	147	29.31	75	6	25	5	190	X	X	X	TSK
CANADA BASIN	BF 97	76	48.69	147	17.77	75	6	25	21	190	X	X	X	TSK
CANADA BASIN	BF 98	76	48.19	147	10.87	75	6	26	7	190	X	X	X	TSK
CANADA BASIN	BF 99	76	48.63	147	9.97	75	6	26	21	190	X	X	X	TSK
CANADA BASIN	BF100	76	49.30	147	14.31	75	6	27	5	190	X	X	X	TSK
CANADA BASIN	BF101	76	49.69	147	10.36	75	6	27	21	190	X	X	X	TSK
CANADA BASIN	BF102	76	50.14	147	6.13	75	6	28	6	190	X	X	X	TSK
CANADA BASIN	BF103	76	50.28	146	53.60	75	6	28	21	190	X	X	X	TSK
CANADA BASIN	BF104	76	48.75	146	44.83	75	6	29	5	190	X	X	X	TSK
CANADA BASIN	BF105	76	48.56	146	32.82	75	6	29	21	190	X	X	X	TSK
CANADA BASIN	BF106	76	49.94	146	28.36	75	6	30	5	190	X	X	X	TSK
CANADA BASIN	BF107	76	54.24	146	27.94	75	6	30	21	190	X	X	X	TSK
CANADA BASIN	BF108	76	55.45	146	22.48	75	7	1	5	200	X	X	X	TSK
CANADA BASIN	BF109	76	54.35	146	9.39	75	7	1	21	190	X	X	X	TSK
CANADA BASIN	BF110	76	53.85	146	5.35	75	7	2	5	190	X	X	X	TSK
CANADA BASIN	BF111	76	53.22	146	5.05	75	7	2	21	190	X	X	X	TSK
CANADA BASIN	BF112	76	53.36	145	55.37	75	7	3	5	190	X	X	X	TSK
CANADA BASIN	BF113	76	54.47	145	35.45	75	7	3	21	190	X	X	X	TSK
CANADA BASIN	BF114	76	54.84	145	27.03	75	7	4	5	190	X	X	X	TSK
CANADA BASIN	BF115	76	52.11	145	15.05	75	7	4	21	190	X	X	X	TSK
CANADA BASIN	BF116	76	49.98	145	4.70	75	7	5	5	190	X	X	X	TSK
CANADA BASIN	BF117	76	46.41	144	50.59	75	7	5	21	200	X	X	X	TSK
CANADA BASIN	BF118	76	44.62	144	42.53	75	7	6	5	200	X	X	X	TSK
CANADA BASIN	BF119	76	42.09	144	30.95	75	7	6	21	200	X	X	X	TSK
CANADA BASIN	BF120	76	44.16	144	26.45	75	7	7	5	200	X	X	X	TSK
CANADA BASIN	BF121	76	42.58	144	3.90	75	7	7	21	200	X	X	X	TSK
CANADA BASIN	BF122	76	40.85	143	57.03	75	7	8	5	190	X	X	X	TSK
CANADA BASIN	BF123	76	39.92	143	53.94	75	7	8	21	200	X	X	X	TSK
CANADA BASIN	BF124	76	39.88	143	50.19	75	7	9	5	190	X	X	X	TSK
CANADA BASIN	BF125	76	42.81	143	38.39	75	7	9	21	190	X	X	X	TSK
CANADA BASIN	BF126	76	42.09	143	20.93	75	7	10	5	200	X	X	X	TSK
CANADA BASIN	BF127	76	38.34	142	59.90	75	7	10	21	190	X	X	X	TSK
CANADA BASIN	BF128	76	37.09	142	54.67	75	7	11	5	190	X	X	X	TSK
CANADA BASIN	BF129	76	35.87	142	49.59	75	7	11	21	200	X	X	X	TSK
CANADA BASIN	BF130	76	35.94	142	47.22	75	7	12	5	190	X	X	X	TSK
CANADA BASIN	BF131	76	36.33	142	47.24	75	7	12	21	200	X	X	X	TSK
CANADA BASIN	BF132	76	36.91	142	49.05	75	7	13	6	200	X	X	X	TSK
CANADA BASIN	BF133	76	37.62	142	50.62	75	7	13	21	200	X	X	X	TSK
CANADA BASIN	BF134	76	37.84	142	49.92	75	7	14	5	190	X	X	X	TSK
CANADA BASIN	BF135	76	37.29	142	48.15	75	7	14	21	190	X	X	X	TSK
CANADA BASIN	BF136	76	36.56	142	49.49	75	7	15	5	190	X	X	X	TSK
CANADA BASIN	BF137	76	34.38	142	52.15	75	7	15	22	190	X	X	X	TSK
CANADA BASIN	BF138	76	32.65	142	51.06	75	7	16	5	190	X	X	X	TSK
CANADA BASIN	BF139	76	27.20	142	44.93	75	7	16	23	190	X	X	X	TSK
CANADA BASIN	BF140	76	26.10	142	44.11	75	7	17	5	200	X	X	X	TSK
CANADA BASIN	BF141	76	24.19	142	39.47	75	7	17	21	200	X	X	X	TSK
CANADA BASIN	BF142	76	23.14	142	37.36	75	7	18	5	200	X	X	X	TSK
CANADA BASIN	BF143	76	19.07	142	35.28	75	7	18	21	190	X	X	X	TSK
CANADA BASIN	BF144	76	16.61	142	36.09	75	7	19	5	190	X	X	X	TSK
CANADA BASIN	BF145	76	13.01	142	38.18	75	7	19	21	190	X	X	X	TSK
CANADA BASIN	BF146	76	11.29	142	36.63	75	7	20	5	190	X	X	X	TSK
CANADA BASIN	BF147	76	6.11	142	30.77	75	7	20	21	190	X	X	X	TSK
CANADA BASIN	BF148	76	3.23	142	31.84	75	7	21	5	190	X	X	X	TSK
CANADA BASIN	BF149	75	58.72	142	35.27	75	7	21	21	190	X	X	X	TSK
CANADA BASIN	BF150	75	56.27	142	35.62	75	7	22	5	190	X	X	X	TSK
CANADA BASIN	BF151	75	52.32	142	37.55	75	7	22	21	190	X	X	X	TSK
CANADA BASIN	BF152	75	50.50	142	39.16	75	7	23	5	200	X	X	X	TSK
CANADA BASIN	BF153	75	47.52	142	43.03	75	7	23	22	200	X	X	X	TSK
CANADA BASIN	BF154	75	46.50	142	44.78	75	7	24	5	200	X	X	X	TSK
CANADA BASIN	BF155	75	44.45	142	48.95	75	7	24	21	200	X	X	X	TSK
CANADA BASIN	BF156	75	43.58	142	50.93	75	7	25	5	200	X	X	X	TSK
CANADA BASIN	BF157	75	42.15	142	54.20	75	7	25	21	190	X	X	X	TSK
CANADA BASIN	BF158	75	41.45	142	55.58	75	7	26	5	190	X	X	X	TSK
CANADA BASIN	BF159	75	40.24	142	57.02	75	7	26	21	190	X	X	X	TSK
CANADA BASIN	BF160	75	39.59	142	57.05	75	7	27	5	190	X	X	X	TSK
CANADA BASIN	BF161	75	38.33	142	55.41	75	7	27	21	190	X	X	X	TSK
CANADA BASIN	BF162	75	37.57	142	53.43	75	7	28	5	190	X	X	X	TSK
CANADA BASIN	BF163	75	36.15	142	48.90	75	7	28	21	190	X	X	X	TSK
CANADA BASIN	BF164	75	36.09	142	35.40	75	7	29	5	190	X	X	X	TSK
CANADA BASIN	BF165	75	32.27	142	19.61	75	7	29	21	190	X	X	X	TSK

CANADA BASIN	BF166	75	29.59	142	14.54	75	7	30	5	190	X	X	X	TSK
CANADA BASIN	BF167	75	24.89	141	59.91	75	7	30	21	190	X	X	X	TSK
CANADA BASIN	BF168	75	22.57	141	52.95	75	7	31	5	190	X	X	X	TSK
CANADA BASIN	BF169	75	19.42	141	37.85	75	7	31	21	190	X	X	X	TSK
CANADA BASIN	BF170	75	17.57	141	29.77	75	8	1	5	190	X	X	X	TSK
CANADA BASIN	BF171	75	13.78	141	17.50	75	8	1	21	190	X	X	X	TSK
CANADA BASIN	BF172	75	12.14	141	15.15	75	8	2	5	190	X	X	X	TSK
CANADA BASIN	BF173	75	9.74	141	8.72	75	8	2	21	170	X	X	X	TSK
CANADA BASIN	BF174	75	8.55	141	5.42	75	8	3	5	190	X	X	X	TSK
CANADA BASIN	BF175	75	7.01	140	56.96	75	8	3	21	160	X	X	X	TSK
CANADA BASIN	BF176	75	5.71	140	50.20	75	8	4	5	190	X	X	X	TSK
CANADA BASIN	BF177	75	5.99	140	39.26	75	8	4	20	190	X	X	X	TSK
CANADA BASIN	BF178	75	7.44	140	25.61	75	8	5	5	190	X	X	X	TSK
CANADA BASIN	BF179	75	6.47	140	9.77	75	8	6	6	190	X	X	X	TSK
CANADA BASIN	BF180	75	5.12	140	5.48	75	8	6	21	190	X	X	X	TSK
CANADA BASIN	BF181	75	5.02	140	2.52	75	8	7	5	190	X	X	X	TSK
CANADA BASIN	BF182	75	4.35	139	57.25	75	8	7	22	190	X	X	X	TSK
CANADA BASIN	BF183	75	4.22	139	54.59	75	8	8	5	190	X	X	X	TSK
CANADA BASIN	BF184	75	4.69	139	43.90	75	8	8	21	190	X	X	X	TSK
CANADA BASIN	BF185	75	4.87	139	26.11	75	8	9	5	150	X	X	X	TSK
CANADA BASIN	BF186	75	1.97	139	23.94	75	8	9	11	100	X	X	X	TSK
CANADA BASIN	BF187	75	1.56	139	5.62	75	8	9	21	190	X	X	X	TSK
CANADA BASIN	BF188	75	1.11	138	58.31	75	8	10	5	180	X	X	X	TSK
CANADA BASIN	BF189	74	58.05	138	53.78	75	8	10	11	120	X	X	X	TSK
CANADA BASIN	BF190	74	56.22	138	44.24	75	8	10	21	180	X	X	X	TSK
CANADA BASIN	BF191	74	55.54	138	39.75	75	8	11	5	190	X	X	X	TSK
CANADA BASIN	BF192	74	53.94	138	34.86	75	8	11	11	100	X	X	X	TSK
CANADA BASIN	BF193	74	53.08	138	25.38	75	8	11	21	190	X	X	X	TSK
CANADA BASIN	BF194	74	51.86	138	19.06	75	8	12	5	190	X	X	X	TSK
CANADA BASIN	BF195	74	51.86	138	17.60	75	8	12	6	100	X	X	X	TSK
CANADA BASIN	BF196	74	50.08	138	1.63	75	8	12	21	160	X	X	X	TSK
CANADA BASIN	BF197	74	50.22	137	56.51	75	8	13	5	157	X	X	X	TSK
CANADA BASIN	BF198	74	50.27	137	56.25	75	8	13	5	114	X	X	X	TSK
CANADA BASIN	BF199	74	54.41	137	39.72	75	8	13	21	190	X	X	X	TSK
CANADA BASIN	BF200	74	52.89	137	28.88	75	8	14	6	190	X	X	X	TSK
CANADA BASIN	BF201	74	50.37	137	16.78	75	8	14	16	103	X	X	X	TSK
CANADA BASIN	BF202	74	50.09	137	11.22	75	8	14	21	190	X	X	X	TSK
CANADA BASIN	BF203	74	49.54	137	7.03	75	8	15	6	190	X	X	X	TSK
CANADA BASIN	BF204	74	49.66	137	6.56	75	8	15	8	*	X	X	X	TSK
CANADA BASIN	BF205	74	49.80	137	5.97	75	8	15	21	190	X	X	X	TSK
CANADA BASIN	BF206	74	49.07	137	5.94	75	8	16	5	190	X	X	X	TSK
CANADA BASIN	BF207	74	49.17	137	5.44	75	8	16	6	*	X	X	X	TSK
CANADA BASIN	BF208	74	48.49	137	1.93	75	8	16	21	190	X	X	X	TSK
CANADA BASIN	BF209	74	45.91	137	1.28	75	8	17	5	200	X	X	X	TSK
CANADA BASIN	BF210	74	45.61	137	1.99	75	8	17	6	100	X	X	X	TSK
CANADA BASIN	BF211	74	42.73	137	9.60	75	8	17	21	190	X	X	X	TSK
CANADA BASIN	BF212	74	41.72	137	11.87	75	8	18	5	190	X	X	X	TSK
CANADA BASIN	BF213	74	40.29	137	12.96	75	8	18	20	190	X	X	X	TSK
CANADA BASIN	BF214	74	39.50	137	16.51	75	8	19	5	200	X	X	X	TSK
CANADA BASIN	BF215	74	39.39	137	25.78	75	8	19	21	200	X	X	X	TSK
CANADA BASIN	BF216	74	40.24	137	33.20	75	8	20	5	200	X	X	X	TSK
CANADA BASIN	BF217	74	40.92	137	51.29	75	8	20	21	200	X	X	X	TSK
CANADA BASIN	BF218	74	41.72	137	58.09	75	8	21	5	190	X	X	X	TSK
CANADA BASIN	BF219	74	41.80	138	8.94	75	8	21	21	190	X	X	X	TSK
CANADA BASIN	BF220	74	41.76	138	10.86	75	8	22	6	200	X	X	X	TSK
CANADA BASIN	BF221	74	39.30	138	13.25	75	8	22	21	200	X	X	X	TSK
CANADA BASIN	BF222	74	37.79	138	10.45	75	8	23	7	190	X	X	X	TSK
CANADA BASIN	BF223	74	35.05	138	11.32	75	8	23	21	200	X	X	X	TSK
CANADA BASIN	BF224	74	35.25	138	14.01	75	8	24	5	190	X	X	X	TSK
CANADA BASIN	BF225	74	35.67	138	12.50	75	8	24	21	190	X	X	X	TSK
CANADA BASIN	BF226	74	35.92	138	4.85	75	8	25	5	180	X	X	X	TSK
CANADA BASIN	BF227	74	34.08	137	52.84	75	8	25	21	190	X	X	X	TSK
CANADA BASIN	BF228	74	33.67	137	52.88	75	8	26	5	190	X	X	X	TSK
CANADA BASIN	BF229	74	36.43	137	51.75	75	8	26	21	190	X	X	X	TSK
CANADA BASIN	BF230	74	36.98	137	44.74	75	8	27	5	180	X	X	X	TSK
CANADA BASIN	BF231	74	32.30	137	27.63	75	8	27	20	140	X	X	X	TSK
CANADA BASIN	BF232	74	28.19	137	15.61	75	8	28	6	180	X	X	X	TSK
CANADA BASIN	BF233	74	24.17	136	56.31	75	8	28	21	190	X	X	X	TSK
CANADA BASIN	BF234	74	24.33	136	49.12	75	8	29	5	150	X	X	X	TSK
CANADA BASIN	BF235	74	22.53	136	42.02	75	8	29	23	190	X	X	X	TSK
CANADA BASIN	BF236	74	20.03	136	37.56	75	8	30	5	190	X	X	X	TSK
CANADA BASIN	BF237	74	15.84	136	36.28	75	8	30	21	200	X	X	X	TSK
CANADA BASIN	BF238	74	14.03	136	33.03	75	8	31	5	200	X	X	X	TSK
CANADA BASIN	BF239	74	10.01	136	32.00	75	8	31	21	200	X	X	X	TSK
CANADA BASIN	BF240	74	7.81	136	23.54	75	9	1	5	200	X	X	X	TSK
CANADA BASIN	BF241	74	3.56	136	13.20	75	9	1	17	100	X	X	X	TSK
CANADA BASIN	BF242	74	2.38	136	11.77	75	9	1	21	200	X	X	X	TSK
CANADA BASIN	BF243	74	0.88	136	9.78	75	9	2	5	190	X	X	X	TSK
CANADA BASIN	BF244	74	0.74	136	9.63	75	9	2	6	100	X	X	X	TSK
CANADA BASIN	BF245	74	0.83	136	12.39	75	9	2	21	200	X	X	X	TSK
CANADA BASIN	BF246	74	0.62	136	13.53	75	9	3	5	200	X	X	X	TSK
CANADA BASIN	BF247	74	0.81	136	13.45	75	9	3	16	100	X	X	X	TSK
CANADA BASIN	BF248	74	1.25	136	12.16	75	9	3	21	200	X	X	X	TSK

CANADA BASIN	BF249	74	1.39	136	8.32	75	9	4	5	190	X	X	X	TSK
CANADA BASIN	BF250	74	1.36	136	7.62	75	9	4	6	100	X	X	X	TSK
CANADA BASIN	BF251	74	1.72	136	4.72	75	9	4	21	200	X	X	X	TSK
CANADA BASIN	BF252	74	1.65	136	5.23	75	9	5	5	192	X	X	X	TSK
CANADA BASIN	BF253	73	58.00	136	7.29	75	9	5	21	190	X	X	X	TSK
CANADA BASIN	BF254	73	56.22	136	11.20	75	9	6	5	200	X	X	X	TSK
CANADA BASIN	BF255	73	53.92	136	18.40	75	9	6	21	190	X	X	X	TSK
CANADA BASIN	BF256	73	53.08	136	24.09	75	9	7	5	190	X	X	X	TSK
CANADA BASIN	BF257	73	53.05	136	24.56	75	9	7	6	190	X	X	X	TSK
CANADA BASIN	BF258	73	51.78	136	29.04	75	9	7	21	190	X	X	X	TSK
CANADA BASIN	BF259	73	51.02	136	26.47	75	9	8	5	190	X	X	X	TSK
CANADA BASIN	BF260	73	50.23	136	12.26	75	9	8	21	190	X	X	X	TSK
CANADA BASIN	BF261	73	50.22	136	1.98	75	9	9	5	190	X	X	X	TSK
CANADA BASIN	BF262	73	50.26	135	43.42	75	9	9	21	180	X	X	X	TSK
CANADA BASIN	BF263	73	49.99	135	32.64	75	9	10	5	190	X	X	X	TSK
CANADA BASIN	BF264	73	48.78	135	18.54	75	9	10	21	190	X	X	X	TSK
CANADA BASIN	BF265	73	48.67	135	12.14	75	9	11	5	190	X	X	X	TSK
CANADA BASIN	BF266	73	50.21	134	59.78	75	9	11	21	190	X	X	X	TSK
CANADA BASIN	BF267	73	49.87	134	54.48	75	9	12	5	190	X	X	X	TSK
CANADA BASIN	BF268	73	51.26	134	44.88	75	9	12	21	190	X	X	X	TSK
CANADA BASIN	BF269	73	51.67	134	36.41	75	9	13	5	190	X	X	X	TSK
CANADA BASIN	BF270	73	50.59	134	31.77	75	9	13	21	200	X	X	X	TSK
CANADA BASIN	BF271	73	49.99	134	29.73	75	9	14	5	200	X	X	X	TSK
CANADA BASIN	BF272	73	48.65	134	21.94	75	9	14	21	200	X	X	X	TSK
CANADA BASIN	BF273	73	48.09	134	26.17	75	9	15	5	190	X	X	X	TSK
CANADA BASIN	BF274	73	48.49	134	33.33	75	9	15	20	190	X	X	X	TSK
CANADA BASIN	BF275	73	49.07	134	37.63	75	9	16	5	200	X	X	X	TSK
CANADA BASIN	BF276	73	49.41	134	42.95	75	9	16	21	200	X	X	X	TSK
CANADA BASIN	BF277	73	49.85	134	44.87	75	9	17	5	200	X	X	X	TSK
CANADA BASIN	BF278	73	51.39	134	45.08	75	9	17	21	190	X	X	X	TSK
CANADA BASIN	BF279	73	53.56	134	41.56	75	9	18	5	190	X	X	X	TSK
CANADA BASIN	BF280	73	53.52	134	40.01	75	9	18	20	190	X	X	X	TSK
CANADA BASIN	BF281	73	51.94	134	46.62	75	9	19	6	200	X	X	X	TSK
CANADA BASIN	BF282	73	50.10	135	1.23	75	9	19	21	200	X	X	X	TSK
CANADA BASIN	BF283	73	49.48	135	6.01	75	9	20	5	200	X	X	X	TSK
CANADA BASIN	BF284	73	46.09	134	59.30	75	9	20	21	190	X	X	X	TSK
CANADA BASIN	BF285	73	46.84	134	53.28	75	9	21	6	180	X	X	X	TSK
CANADA BASIN	BF286	73	46.39	134	28.47	75	9	21	21	170	X	X	X	TSK
CANADA BASIN	BF287	73	44.25	134	16.98	75	9	22	5	190	X	X	X	TSK
CANADA BASIN	BF288	73	43.06	134	12.58	75	9	22	21	200	X	X	X	TSK
CANADA BASIN	BF289	73	41.58	134	17.43	75	9	23	6	190	X	X	X	TSK
CANADA BASIN	BF290	73	40.30	134	26.47	75	9	23	21	200	X	X	X	TSK
CANADA BASIN	BF291	73	38.60	134	22.77	75	9	24	5	200	X	X	X	TSK
CANADA BASIN	BF292	73	34.80	134	3.57	75	9	25		200	X	X	X	TSK
CANADA BASIN	BF293	73	33.26	133	58.68	75	9	25	5	190	X	X	X	TSK
CANADA BASIN	BF294	73	29.98	134	0.95	75	9	25	21	200	X	X	X	TSK
CANADA BASIN	BF295	73	28.25	134	2.06	75	9	26	5	190	X	X	X	TSK
CANADA BASIN	BF296	73	25.95	134	0.43	75	9	26	23	190	X	X	X	TSK
CANADA BASIN	BF297	73	25.38	133	58.81	75	9	27	5	192	X	X	X	TSK
CANADA BASIN	BF298	73	23.01	133	51.73	75	9	27	23	190	X	X	X	TSK
CANADA BASIN	BF299	73	22.57	133	51.13	75	9	28	5	190	X	X	X	TSK
CANADA BASIN	BF300	73	21.45	133	50.34	75	9	28	21	200	X	X	X	TSK
CANADA BASIN	BF301	73	21.10	133	50.74	75	9	29	5	200	X	X	X	TSK
CANADA BASIN	BF302	73	20.70	133	52.20	75	9	29	21	200	X	X	X	TSK
CANADA BASIN	BF303	73	21.01	133	53.86	75	9	30	5	200	X	X	X	TSK
CANADA BASIN	BF304	73	22.13	134	1.89	75	9	30	21	190	X	X	X	TSK
CANADA BASIN	BF305	73	22.78	134	8.02	75	10	1	5	190	X	X	X	TSK
CANADA BASIN	BF306	73	23.57	134	22.94	75	10	1	21	190	X	X	X	TSK
CANADA BASIN	BF307	73	23.73	134	28.45	75	10	2	5	190	X	X	X	TSK
CANADA BASIN	BF308	73	24.56	134	38.54	75	10	2	21	190	X	X	X	TSK
CANADA BASIN	BF309	73	25.39	134	43.17	75	10	3	5	190	X	X	X	TSK
CANADA BASIN	BF310	73	26.96	134	51.89	75	10	3	21	190	X	X	X	TSK
CANADA BASIN	BF311	73	27.96	134	56.53	75	10	4	5	200	X	X	X	TSK
CANADA BASIN	BF312	73	30.73	135	5.44	75	10	4	21	190	X	X	X	TSK
CANADA BASIN	BF313	73	31.69	135	9.90	75	10	5	5	190	X	X	X	TSK
CANADA BASIN	BF314	73	32.31	135	15.93	75	10	5	21	190	X	X	X	TSK
CANADA BASIN	BF315	73	32.53	135	18.37	75	10	6	5	200	X	X	X	TSK
CANADA BASIN	BF316	73	33.20	135	23.43	75	10	6	21	190	X	X	X	TSK
CANADA BASIN	BF317	73	33.27	135	25.77	75	10	7	5	190	X	X	X	TSK
CANADA BASIN	BF318	73	29.83	135	25.37	75	10	7	21	160	X	X	X	TSK
CANADA BASIN	BF319	73	28.28	135	24.69	75	10	8	6	190	X	X	X	TSK
CANADA BASIN	BF320	73	27.07	135	23.25	75	10	8	21	190	X	X	X	TSK
CANADA BASIN	BF321	73	26.61	135	22.10	75	10	9	5	190	X	X	X	TSK
CANADA BASIN	BF322	73	25.65	135	21.35	75	10	9	21	190	X	X	X	TSK
CANADA BASIN	BF323	73	25.11	135	20.86	75	10	10	6	180	X	X	X	TSK
CANADA BASIN	BF324	73	24.47	135	22.83	75	10	11	1	190	X	X	X	TSK
CANADA BASIN	BF325	73	24.11	135	23.64	75	10	11	6	190	X	X	X	TSK
CANADA BASIN	BF326	73	22.56	135	23.65	75	10	11	21	190	X	X	X	TSK
CANADA BASIN	BF327	73	22.29	135	18.31	75	10	12	5	190	X	X	X	TSK
CANADA BASIN	BF328	73	22.53	135	8.82	75	10	12	21	190	X	X	X	TSK
CANADA BASIN	BF329	73	22.67	135	8.06	75	10	13	5	190	X	X	X	TSK
CANADA BASIN	BF330	73	20.96	135	17.29	75	10	13	21	190	X	X	X	TSK
CANADA BASIN	BF331	73	19.69	135	20.79	75	10	14	6	190	X	X	X	TSK

CANADA BASIN	BF332	73	18.93	135	27.10	75	10	14	21	200	X	X	X	TSK
CANADA BASIN	BF333	73	19.40	135	32.59	75	10	15	5	190	X	X	X	TSK
CANADA BASIN	BF334	73	21.62	135	45.54	75	10	15	21	190	X	X	X	TSK
CANADA BASIN	BF335	73	22.64	135	52.41	75	10	16	5	200	X	X	X	TSK
CANADA BASIN	BF336	73	24.47	136	1.19	75	10	16	20	190	X	X	X	TSK
CANADA BASIN	BF337	73	24.78	136	1.99	75	10	17	5	200	X	X	X	TSK
CANADA BASIN	BF338	73	22.55	136	0.85	75	10	17	22	200	X	X	X	TSK
CANADA BASIN	BF339	73	21.36	136	1.01	75	10	18	7	200	X	X	X	TSK
CANADA BASIN	BF340	73	20.30	136	5.68	75	10	18	21	190	X	X	X	TSK
CANADA BASIN	BF341	73	20.13	136	11.70	75	10	19	6	190	X	X	X	TSK
CANADA BASIN	BF342	73	20.22	136	23.86	75	10	19	23	190	X	X	X	TSK
CANADA BASIN	BF343	73	20.67	136	26.22	75	10	20	5	190	X	X	X	TSK
CANADA BASIN	BF344	73	21.32	136	30.72	75	10	20	21	192	X	X	X	TSK
CANADA BASIN	BF345	73	21.44	136	32.31	75	10	21	5	200	X	X	X	TSK
CANADA BASIN	BF346	73	22.00	136	34.44	75	10	21	21	200	X	X	X	TSK
CANADA BASIN	BF347	73	22.38	136	36.19	75	10	22	5	200	X	X	X	TSK
CANADA BASIN	BF348	73	21.22	136	35.67	75	10	22	21	190	X	X	X	TSK
CANADA BASIN	BF349	73	20.26	136	34.29	75	10	23	5	200	X	X	X	TSK
CANADA BASIN	BF350	73	22.75	136	41.38	75	10	23	23	190	X	X	X	TSK
CANADA BASIN	BF351	73	25.25	136	46.05	75	10	24	5	140	X	X	X	TSK
CANADA BASIN	BF352	73	30.73	136	54.70	75	10	24	21	180	X	X	X	TSK
CANADA BASIN	BF353	73	29.20	136	46.15	75	10	25	21	190	X	X	X	TSK
CANADA BASIN	BF354	73	28.25	136	41.69	75	10	26	5	200	X	X	X	TSK
CANADA BASIN	BF355	73	25.02	136	27.62	75	10	27		190	X	X	X	TSK
CANADA BASIN	BF356	73	24.05	136	23.79	75	10	27	5	200	X	X	X	TSK
CANADA BASIN	BF357	73	22.17	136	16.05	75	10	27	21	200	X	X	X	TSK
CANADA BASIN	BF358	73	20.70	136	12.53	75	10	28	5	190	X	X	X	TSK
CANADA BASIN	BF359	73	17.01	136	14.27	75	10	28	21	190	X	X	X	TSK
CANADA BASIN	BF360	73	13.81	136	18.88	75	10	29	5	200	X	X	X	TSK
CANADA BASIN	BF361	73	7.80	136	26.97	75	10	29	21	190	X	X	X	TSK
CANADA BASIN	BF362	73	4.70	136	24.46	75	10	30	5	190	X	X	X	TSK
CANADA BASIN	BF363	72	59.87	136	23.22	75	10	30	20	190	X	X	X	TSK
CANADA BASIN	BF364	72	58.50	136	23.96	75	10	31	6	190	X	X	X	TSK
CANADA BASIN	BF365	72	57.56	136	22.57	75	10	31	20	190	X	X	X	TSK
CANADA BASIN	BF366	72	57.11	136	20.21	75	11	1	5	190	X	X	X	TSK
CANADA BASIN	BF367	72	56.97	136	18.50	75	11	1	21	200	X	X	X	TSK
CANADA BASIN	BF368	72	56.99	136	18.05	75	11	2	5	200	X	X	X	TSK
CANADA BASIN	BF369	72	57.03	136	18.27	75	11	2	21	200	X	X	X	TSK
CANADA BASIN	BF370	72	57.11	136	18.33	75	11	3	5	200	X	X	X	TSK
CANADA BASIN	BF371	72	57.32	136	19.16	75	11	3	21	200	X	X	X	TSK
CANADA BASIN	BF372	72	57.45	136	19.41	75	11	4	5	200	X	X	X	TSK
CANADA BASIN	BF373	72	57.81	136	20.34	75	11	4	21	200	X	X	X	TSK
CANADA BASIN	BF374	72	58.26	136	21.07	75	11	5	5	200	X	X	X	TSK
CANADA BASIN	BF375	72	58.73	136	20.96	75	11	5	21	200	X	X	X	TSK
CANADA BASIN	BF376	72	58.81	136	19.74	75	11	6	5	200	X	X	X	TSK
CANADA BASIN	BF377	72	59.69	136	15.74	75	11	6	21	190	X	X	X	TSK
CANADA BASIN	BF378	73	0.29	136	12.76	75	11	7	5	190	X	X	X	TSK
CANADA BASIN	BF379	73	1.16	136	10.28	75	11	7	21	200	X	X	X	TSK
CANADA BASIN	BF380	73	1.62	136	10.78	75	11	8	5	200	X	X	X	TSK
CANADA BASIN	BF381	73	3.58	136	12.40	75	11	8	21	190	X	X	X	TSK
CANADA BASIN	BF382	73	3.88	136	10.21	75	11	9	5	200	X	X	X	TSK
CANADA BASIN	BF383	73	2.58	136	6.99	75	11	9	21	200	X	X	X	TSK
CANADA BASIN	BF384	73	2.03	136	6.10	75	11	10	5	190	X	X	X	TSK
CANADA BASIN	BF385	73	0.92	136	5.08	75	11	10	21	200	X	X	X	TSK
CANADA BASIN	BF386	73	0.34	136	4.35	75	11	11	5	200	X	X	X	TSK
CANADA BASIN	BF387	73	0.08	136	3.89	75	11	11	21	200	X	X	X	TSK
CANADA BASIN	BF388	73	0.04	136	3.91	75	11	12	5	200	X	X	X	TSK
CANADA BASIN	BF389	72	59.66	136	8.97	75	11	12	20	190	X	X	X	TSK
CANADA BASIN	BF390	72	59.08	136	16.02	75	11	13	7	190	X	X	X	TSK
CANADA BASIN	BF391	72	57.00	136	27.00	75	11	13	21	192	X	X	X	TSK
CANADA BASIN	BF392	72	54.82	136	33.64	75	11	14	7	190	X	X	X	TSK
CANADA BASIN	BF393	72	52.25	136	33.43	75	11	14	21	190	X	X	X	TSK
CANADA BASIN	BF394	72	50.52	136	30.89	75	11	15	7	190	X	X	X	TSK
CANADA BASIN	BF395	72	49.31	136	26.51	75	11	15	21	190	X	X	X	TSK
CANADA BASIN	BF396	72	48.35	136	22.20	75	11	16	7	190	X	X	X	TSK
CANADA BASIN	BF397	72	47.66	136	17.67	75	11	16	21	190	X	X	X	TSK
CANADA BASIN	BF398	72	47.60	136	16.47	75	11	17	5	190	X	X	X	TSK
CANADA BASIN	BF399	72	47.60	136	16.30	75	11	17	21	191	X	X	X	TSK
CANADA BASIN	BF400	72	47.58	136	16.34	75	11	18	5	190	X	X	X	TSK
CANADA BASIN	BF401	72	47.58	136	16.57	75	11	18	21	190	X	X	X	TSK
CANADA BASIN	BF402	72	47.58	136	16.38	75	11	19	5	190	X	X	X	TSK
CANADA BASIN	BF403	72	47.57	136	16.37	75	11	19	21	190	X	X	X	TSK
CANADA BASIN	BF404	72	47.67	136	17.12	75	11	20	5	200	X	X	X	TSK
CANADA BASIN	BF405	72	49.27	136	20.14	75	11	20	21	200	X	X	X	TSK
CANADA BASIN	BF406	72	50.97	136	21.74	75	11	21	7	190	X	X	X	TSK
CANADA BASIN	BF407	72	54.64	136	24.50	75	11	21	21	190	X	X	X	TSK
CANADA BASIN	BF408	72	57.43	136	27.95	75	11	22	7	200	X	X	X	TSK
CANADA BASIN	BF409	73	2.62	136	29.33	75	11	22	21	190	X	X	X	TSK
CANADA BASIN	BF410	73	4.88	136	28.71	75	11	23	7	190	X	X	X	TSK
CANADA BASIN	BF411	73	6.03	136	33.18	75	11	23	21	190	X	X	X	TSK
CANADA BASIN	BF412	73	6.24	136	34.25	75	11	24	5	200	X	X	X	TSK
CANADA BASIN	BF413	73	5.70	136	32.91	75	11	24	21	200	X	X	X	TSK
CANADA BASIN	BF414	73	5.31	136	34.04	75	11	25	5	190	X	X	X	TSK

CANADA BASIN	BF415	73	5.39	136	38.34	75	11	25	21	196	X	X	X	TSK
CANADA BASIN	BF416	73	5.66	136	38.83	75	11	26	5	190	X	X	X	TSK
CANADA BASIN	BF417	73	5.92	136	39.59	75	11	26	21	200	X	X	X	TSK
CANADA BASIN	BF418	73	5.90	136	39.53	75	11	27	5	200	X	X	X	TSK
CANADA BASIN	BF419	73	6.27	136	40.25	75	11	27	21	200	X	X	X	TSK
CANADA BASIN	BF420	73	6.56	136	41.92	75	11	28	5	200	X	X	X	TSK
CANADA BASIN	BF421	73	8.07	136	49.31	75	11	28	21	190	X	X	X	TSK
CANADA BASIN	BF422	73	8.67	136	54.13	75	11	29	7	190	X	X	X	TSK
CANADA BASIN	BF423	73	8.56	136	57.69	75	11	29	21	200	X	X	X	TSK
CANADA BASIN	BF424	73	8.15	136	58.01	75	11	30	5	190	X	X	X	TSK
CANADA BASIN	BF425	73	7.09	136	55.89	75	11	30	21	190	X	X	X	TSK
CANADA BASIN	BF426	73	6.12	136	51.46	75	12	1	5	190	X	X	X	TSK
CANADA BASIN	BF427	72	57.10	136	47.09	75	12	6	6	200	X	X	X	TSK
CANADA BASIN	BF428	72	57.10	136	47.11	75	12	6	21	200	X	X	X	TSK
CANADA BASIN	BF429	72	57.05	136	47.22	75	12	7	5	200	X	X	X	TSK
CANADA BASIN	BF430	72	57.18	136	46.88	75	12	7	21	200	X	X	X	TSK
CANADA BASIN	BF431	72	57.27	136	46.64	75	12	8	5	200	X	X	X	TSK
CANADA BASIN	BF432	72	58.04	136	47.79	75	12	8	21	200	X	X	X	TSK
CANADA BASIN	BF433	72	58.21	136	48.74	75	12	9	5	200	X	X	X	TSK
CANADA BASIN	BF434	72	58.09	136	48.63	75	12	9	21	200	X	X	X	TSK
CANADA BASIN	BF435	72	57.87	136	46.82	75	12	10	5	200	X	X	X	TSK
CANADA BASIN	BF436	72	57.26	136	41.50	75	12	10	21	200	X	X	X	TSK
CANADA BASIN	BF437	72	56.99	136	41.09	75	12	11	5	190	X	X	X	TSK
CANADA BASIN	BF438	72	56.61	136	40.75	75	12	11	21	200	X	X	X	TSK
CANADA BASIN	BF439	72	56.63	136	40.53	75	12	12	5	200	X	X	X	TSK
CANADA BASIN	BF440	72	56.60	136	40.60	75	12	12	21	200	X	X	X	TSK
CANADA BASIN	BF441	72	56.62	136	40.65	75	12	13	5	200	X	X	X	TSK
CANADA BASIN	BF442	72	56.75	136	41.78	75	12	13	21	190	X	X	X	TSK
CANADA BASIN	BF443	72	57.28	136	44.45	75	12	14	5	200	X	X	X	TSK
CANADA BASIN	BF444	72	58.20	136	50.35	75	12	14	20	190	X	X	X	TSK
CANADA BASIN	BF445	72	58.58	136	51.38	75	12	15	5	200	X	X	X	TSK
CANADA BASIN	BF446	72	59.42	136	49.68	75	12	15	21	200	X	X	X	TSK
CANADA BASIN	BF447	72	59.77	136	48.86	75	12	16	5	200	X	X	X	TSK
CANADA BASIN	BF448	73	1.07	136	52.78	75	12	16	21	190	X	X	X	TSK
CANADA BASIN	BF449	73	2.84	137	1.62	75	12	17	7	190	X	X	X	TSK
CANADA BASIN	BF450	73	3.84	137	14.09	75	12	17	20	190	X	X	X	TSK
CANADA BASIN	BF451	73	1.59	137	14.90	75	12	18	7	190	X	X	X	TSK
CANADA BASIN	BF452	72	57.33	137	8.39	75	12	19	1	190	X	X	X	TSK
CANADA BASIN	BF453	72	56.62	137	6.52	75	12	19	5	200	X	X	X	TSK
CANADA BASIN	BF454	72	55.60	137	1.21	75	12	19	21	200	X	X	X	TSK
CANADA BASIN	BF455	72	55.55	137	0.50	75	12	20	7	200	X	X	X	TSK
CANADA BASIN	BF456	72	55.51	136	59.47	75	12	20	21	200	X	X	X	TSK
CANADA BASIN	BF457	72	55.38	136	58.56	75	12	21	5	200	X	X	X	TSK
CANADA BASIN	BF458	72	55.33	136	58.38	75	12	21	21	200	X	X	X	TSK
CANADA BASIN	BF459	72	55.36	136	58.28	75	12	22	5	200	X	X	X	TSK
CANADA BASIN	BF460	72	55.93	137	2.20	75	12	22	21	200	X	X	X	TSK
CANADA BASIN	BF461	72	56.30	137	4.36	75	12	23	5	200	X	X	X	TSK
CANADA BASIN	BF462	72	56.43	137	5.76	75	12	23	21	200	X	X	X	TSK
CANADA BASIN	BF463	72	56.28	137	5.37	75	12	24	5	200	X	X	X	TSK
CANADA BASIN	BF464	72	55.31	137	3.54	75	12	24	21	200	X	X	X	TSK
CANADA BASIN	BF465	72	54.90	137	2.32	75	12	25	5	200	X	X	X	TSK
CANADA BASIN	BF466	72	54.81	137	2.15	75	12	26		200	X	X	X	TSK
CANADA BASIN	BF467	72	54.80	137	2.07	75	12	26	5	200	X	X	X	TSK
CANADA BASIN	BF468	72	54.79	137	2.17	75	12	26	21	200	X	X	X	TSK
CANADA BASIN	BF469	72	54.87	137	3.31	75	12	27	5	200	X	X	X	TSK
CANADA BASIN	BF470	72	55.51	137	9.97	75	12	27	21	190	X	X	X	TSK
CANADA BASIN	BF471	72	56.31	137	16.53	75	12	28	7	190	X	X	X	TSK
CANADA BASIN	BF472	72	57.49	137	22.71	75	12	28	21	190	X	X	X	TSK
CANADA BASIN	BF473	72	57.76	137	23.09	75	12	29	5	200	X	X	X	TSK
CANADA BASIN	BF474	72	57.05	137	17.50	75	12	29	21	200	X	X	X	TSK
CANADA BASIN	BF475	72	56.15	137	12.47	75	12	30	6	200	X	X	X	TSK
CANADA BASIN	BF476	72	55.31	137	8.80	75	12	30	21	200	X	X	X	TSK
CANADA BASIN	BF477	72	55.30	137	8.30	75	12	31	5	200	X	X	X	TSK
CANADA BASIN	BF478	72	56.13	137	10.94	75	12	31	21	190	X	X	X	TSK
CANADA BASIN	BF479	72	57.39	137	15.58	76	1	1	7	190	X	X	X	TSK
CANADA BASIN	BF480	72	59.59	137	20.78	76	1	1	21	200	X	X	X	TSK
CANADA BASIN	BF481	72	59.65	137	20.52	76	1	2	6	200	X	X	X	TSK
CANADA BASIN	BF482	72	59.41	137	23.85	76	1	2	21	200	X	X	X	TSK
CANADA BASIN	BF483	73	0.50	137	30.03	76	1	3	7	190	X	X	X	TSK
CANADA BASIN	BF484	73	3.72	137	36.77	76	1	3	21	200	X	X	X	TSK
CANADA BASIN	BF485	73	6.26	137	39.82	76	1	4	7	190	X	X	X	TSK
CANADA BASIN	BF486	73	9.20	137	44.55	76	1	4	21	200	X	X	X	TSK
CANADA BASIN	BF487	73	10.75	137	49.39	76	1	5	7	190	X	X	X	TSK
CANADA BASIN	BF488	73	11.23	137	51.12	76	1	5	21	190	X	X	X	TSK
CANADA BASIN	BF489	73	10.87	137	51.76	76	1	6	5	190	X	X	X	TSK
CANADA BASIN	BF490	73	10.21	137	49.13	76	1	6	21	200	X	X	X	TSK
CANADA BASIN	BF491	73	10.52	137	47.52	76	1	7	5	190	X	X	X	TSK
CANADA BASIN	BF492	73	11.09	137	49.21	76	1	7	21	190	X	X	X	TSK
CANADA BASIN	BF493	73	11.13	137	49.98	76	1	8	5	190	X	X	X	TSK
CANADA BASIN	BF494	73	10.75	137	51.42	76	1	8	21	200	X	X	X	TSK
CANADA BASIN	BF495	73	10.06	137	51.72	76	1	9	5	200	X	X	X	TSK
CANADA BASIN	BF496	73	7.50	137	49.59	76	1	9	23	190	X	X	X	TSK
CANADA BASIN	BF497	73	6.49	137	46.63	76	1	10	7	190	X	X	X	TSK

CANADA BASIN	BF498	73	5.27	137	37.64	76	1	10	21	190	X	X	X	TSK
CANADA BASIN	BF499	73	5.40	137	28.20	76	1	11	7	200	X	X	X	TSK
CANADA BASIN	BF500	73	1.10	137	19.84	76	1	11	21	190	X	X	X	TSK
CANADA BASIN	BF501	72	58.48	137	13.18	76	1	12	7	190	X	X	X	TSK
CANADA BASIN	BF502	72	58.50	137	11.33	76	1	12	21	200	X	X	X	TSK
CANADA BASIN	BF503	72	58.50	137	11.25	76	1	13	5	200	X	X	X	TSK
CANADA BASIN	BF504	72	58.49	137	11.32	76	1	13	21	200	X	X	X	TSK
CANADA BASIN	BF505	72	58.52	137	11.25	76	1	14	5	200	X	X	X	TSK
CANADA BASIN	BF506	72	58.96	137	12.08	76	1	14	21	200	X	X	X	TSK
CANADA BASIN	BF507	72	59.92	137	13.40	76	1	15	5	200	X	X	X	TSK
CANADA BASIN	BF508	73	0.46	137	14.24	76	1	15	23	200	X	X	X	TSK
CANADA BASIN	BF509	72	59.95	137	12.83	76	1	16	5	200	X	X	X	TSK
CANADA BASIN	BF510	72	58.94	137	8.76	76	1	16	21	200	X	X	X	TSK
CANADA BASIN	BF511	72	58.99	137	8.93	76	1	17	5	200	X	X	X	TSK
CANADA BASIN	BF512	72	58.68	137	11.52	76	1	17	21	200	X	X	X	TSK
CANADA BASIN	BF513	72	58.28	137	11.83	76	1	18	5	200	X	X	X	TSK
CANADA BASIN	BF514	72	57.92	137	11.59	76	1	18	21	200	X	X	X	TSK
CANADA BASIN	BF515	72	57.75	137	11.40	76	1	19	5	200	X	X	X	TSK
CANADA BASIN	BF516	72	57.18	137	8.09	76	1	19	21	190	X	X	X	TSK
CANADA BASIN	BF517	72	56.82	137	4.89	76	1	20	6	200	X	X	X	TSK
CANADA BASIN	BF518	72	56.77	137	4.01	76	1	20	21	200	X	X	X	TSK
CANADA BASIN	BF519	72	56.74	137	3.92	76	1	21	5	200	X	X	X	TSK
CANADA BASIN	BF520	72	56.31	137	7.16	76	1	21	21	190	X	X	X	TSK
CANADA BASIN	BF521	72	55.66	137	12.93	76	1	22	7	192	X	X	X	TSK
CANADA BASIN	BF522	72	55.35	137	13.68	76	1	22	21	190	X	X	X	TSK
CANADA BASIN	BF523	72	54.89	137	14.51	76	1	23	5	190	X	X	X	TSK
CANADA BASIN	BF524	72	54.13	137	14.15	76	1	23	21	190	X	X	X	TSK
CANADA BASIN	BF525	72	53.93	137	13.13	76	1	24	5	190	X	X	X	TSK
CANADA BASIN	BF526	72	53.38	137	10.26	76	1	24	21	190	X	X	X	TSK
CANADA BASIN	BF527	72	53.24	137	10.09	76	1	25	5	190	X	X	X	TSK
CANADA BASIN	BF528	72	53.21	137	10.04	76	1	25	21	190	X	X	X	TSK
CANADA BASIN	BF529	72	53.15	137	10.17	76	1	26	5	190	X	X	X	TSK
CANADA BASIN	BF530	72	53.16	137	10.08	76	1	26	21	191	X	X	X	TSK
CANADA BASIN	BF531	72	53.16	137	10.19	76	1	27	5	190	X	X	X	TSK
CANADA BASIN	BF532	72	53.15	137	10.40	76	1	27	21	190	X	X	X	TSK
CANADA BASIN	BF533	72	53.15	137	10.11	76	1	28	5	190	X	X	X	TSK
CANADA BASIN	BF534	72	53.16	137	10.11	76	1	28	21	190	X	X	X	TSK
CANADA BASIN	BF535	72	53.17	137	10.22	76	1	29	5	190	X	X	X	TSK
CANADA BASIN	BF536	72	53.18	137	10.37	76	1	29	21	190	X	X	X	TSK
CANADA BASIN	BF537	72	53.39	137	12.22	76	1	30	7	190	X	X	X	TSK
CANADA BASIN	BF538	72	55.55	137	27.73	76	1	30	23	190	X	X	X	TSK
CANADA BASIN	BF539	72	56.35	137	35.67	76	1	31	7	190	X	X	X	TSK
CANADA BASIN	BF540	72	57.75	137	48.41	76	1	32	12	190	X	X	X	TSK
CANADA BASIN	BF541	72	57.50	137	47.07	76	2	1	5	200	X	X	X	TSK
CANADA BASIN	BF542	72	58.16	137	48.93	76	2	1	21	200	X	X	X	TSK
CANADA BASIN	BF543	72	58.13	137	47.95	76	2	2	5	190	X	X	X	TSK
CANADA BASIN	BF544	72	57.24	137	43.15	76	2	2	21	190	X	X	X	TSK
CANADA BASIN	BF545	72	56.96	137	39.76	76	2	3	5	190	X	X	X	TSK
CANADA BASIN	BF546	72	56.82	137	36.47	76	2	3	21	200	X	X	X	TSK
CANADA BASIN	BF547	72	56.66	137	37.48	76	2	4	5	200	X	X	X	TSK
CANADA BASIN	BF548	72	56.00	137	35.61	76	2	4	21	200	X	X	X	TSK
CANADA BASIN	BF549	72	55.94	137	36.11	76	2	5	5	200	X	X	X	TSK
CANADA BASIN	BF550	72	55.66	137	37.17	76	2	5	21	200	X	X	X	TSK
CANADA BASIN	BF551	72	55.01	137	37.69	76	2	6	5	190	X	X	X	TSK
CANADA BASIN	BF552	72	52.55	137	29.58	76	2	6	23	190	X	X	X	TSK
CANADA BASIN	BF553	72	51.81	137	23.79	76	2	7	7	190	X	X	X	TSK
CANADA BASIN	BF554	72	50.09	137	13.18	76	2	7	21	190	X	X	X	TSK
CANADA BASIN	BF555	72	49.31	137	10.28	76	2	8	7	190	X	X	X	TSK
CANADA BASIN	BF556	72	48.14	137	4.77	76	2	8	21	192	X	X	X	TSK
CANADA BASIN	BF557	72	47.56	137	0.88	76	2	9	6	190	X	X	X	TSK
CANADA BASIN	BF558	72	47.18	136	57.92	76	2	9	21	200	X	X	X	TSK
CANADA BASIN	BF559	72	47.19	136	58.00	76	2	10	5	200	X	X	X	TSK
CANADA BASIN	BF560	72	47.18	136	58.03	76	2	10	21	200	X	X	X	TSK
CANADA BASIN	BF561	72	47.23	136	57.92	76	2	11	6	200	X	X	X	TSK
CANADA BASIN	BF562	72	47.18	136	57.89	76	2	11	21	200	X	X	X	TSK
CANADA BASIN	BF563	72	47.19	136	57.92	76	2	12	6	200	X	X	X	TSK
CANADA BASIN	BF564	72	47.17	136	57.72	76	2	12	21	200	X	X	X	TSK
CANADA BASIN	BF565	72	47.16	136	57.89	76	2	13	5	200	X	X	X	TSK
CANADA BASIN	BF566	72	47.16	136	57.81	76	2	13	21	200	X	X	X	TSK
CANADA BASIN	BF567	72	47.16	136	58.29	76	2	14	5	200	X	X	X	TSK
CANADA BASIN	BF568	72	47.18	136	57.99	76	2	14	21	200	X	X	X	TSK
CANADA BASIN	BF569	72	47.17	136	57.97	76	2	15	5	200	X	X	X	TSK
CANADA BASIN	BF570	72	47.16	136	57.80	76	2	15	21	200	X	X	X	TSK
CANADA BASIN	BF571	72	47.15	136	57.90	76	2	16	5	200	X	X	X	TSK
CANADA BASIN	BF572	72	47.18	136	57.87	76	2	16	21	200	X	X	X	TSK
CANADA BASIN	BF573	72	47.16	136	57.86	76	2	17	5	200	X	X	X	TSK
CANADA BASIN	BF574	72	47.14	136	57.76	76	2	17	21	200	X	X	X	TSK
CANADA BASIN	BF575	72	47.15	136	57.96	76	2	18	5	200	X	X	X	TSK
CANADA BASIN	BF576	72	47.16	136	57.85	76	2	18	21	200	X	X	X	TSK
CANADA BASIN	BF577	72	47.16	136	57.89	76	2	19	5	200	X	X	X	TSK
CANADA BASIN	BF578	72	47.16	136	57.85	76	2	19	21	200	X	X	X	TSK
CANADA BASIN	BF579	72	47.16	136	57.90	76	2	20	5	200	X	X	X	TSK
CANADA BASIN	BF580	72	47.16	136	57.64	76	2	20	21	200	X	X	X	TSK

CANADA BASIN	BF581	72	47.15	136	57.96	76	2	21	5	200	X	X	X	TSK
CANADA BASIN	BF582	72	47.16	136	57.79	76	2	21	21	200	X	X	X	TSK
CANADA BASIN	BF583	72	47.17	136	57.92	76	2	22	5	200	X	X	X	TSK
CANADA BASIN	BF584	72	47.16	136	57.85	76	2	22	21	200	X	X	X	TSK
CANADA BASIN	BF585	72	47.16	136	57.95	76	2	23	5	200	X	X	X	TSK
CANADA BASIN	BF586	72	47.15	136	57.89	76	2	23	21	200	X	X	X	TSK
CANADA BASIN	BF587	72	47.15	136	57.93	76	2	24	5	200	X	X	X	TSK
CANADA BASIN	BF588	72	47.16	136	57.90	76	2	24	21	200	X	X	X	TSK
CANADA BASIN	BF589	72	47.15	136	58.03	76	2	25	5	200	X	X	X	TSK
CANADA BASIN	BF590	72	47.14	136	57.70	76	2	25	21	200	X	X	X	TSK
CANADA BASIN	BF591	72	47.16	136	58.05	76	2	26	5	200	X	X	X	TSK
CANADA BASIN	BF592	72	47.15	136	57.90	76	2	26	21	200	X	X	X	TSK
CANADA BASIN	BF593	72	47.39	136	58.44	76	2	27	5	190	X	X	X	TSK
CANADA BASIN	BF594	72	47.95	136	56.24	76	2	27	21	200	X	X	X	TSK
CANADA BASIN	BF595	72	47.81	136	56.14	76	2	28	5	200	X	X	X	TSK
CANADA BASIN	BF596	72	47.81	136	55.94	76	2	28	21	200	X	X	X	TSK
CANADA BASIN	BF597	72	47.81	136	56.25	76	2	29	5	200	X	X	X	TSK
CANADA BASIN	BF598	72	48.83	136	59.28	76	2	29	21	200	X	X	X	TSK
CANADA BASIN	BF599	72	49.74	137	1.79	76	3	1	5	190	X	X	X	TSK
CANADA BASIN	BF600	72	50.14	137	2.39	76	3	1	21	200	X	X	X	TSK
CANADA BASIN	BF601	72	50.17	137	2.77	76	3	2	5	200	X	X	X	TSK
CANADA BASIN	BF602	72	49.47	137	0.59	76	3	2	21	190	X	X	X	TSK
CANADA BASIN	BF603	72	49.04	137	0.41	76	3	3	5	200	X	X	X	TSK
CANADA BASIN	BF604	72	48.93	137	1.45	76	3	3	21	200	X	X	X	TSK
CANADA BASIN	BF605	72	49.70	137	7.52	76	3	4	6	190	X	X	X	TSK
CANADA BASIN	BF606	72	49.75	137	16.32	76	3	4	21	190	X	X	X	TSK
CANADA BASIN	BF607	72	49.04	137	18.83	76	3	5	5	200	X	X	X	TSK
CANADA BASIN	BF608	72	47.93	137	15.67	76	3	5	21	190	X	X	X	TSK
CANADA BASIN	BF609	72	47.55	137	13.66	76	3	6	5	200	X	X	X	TSK
CANADA BASIN	BF610	72	47.48	137	12.51	76	3	6	21	200	X	X	X	TSK
CANADA BASIN	BF611	72	47.47	137	13.00	76	3	7	5	200	X	X	X	TSK
CANADA BASIN	BF612	72	47.53	137	14.71	76	3	7	21	190	X	X	X	TSK
CANADA BASIN	BF613	72	47.61	137	18.13	76	3	8	5	200	X	X	X	TSK
CANADA BASIN	BF614	72	48.00	137	22.51	76	3	8	21	190	X	X	X	TSK
CANADA BASIN	BF615	72	48.15	137	23.60	76	3	9	5	200	X	X	X	TSK
CANADA BASIN	BF616	72	48.10	137	23.29	76	3	9	21	200	X	X	X	TSK
CANADA BASIN	BF617	72	48.11	137	23.25	76	3	10	5	200	X	X	X	TSK
CANADA BASIN	BF618	72	48.09	137	23.36	76	3	10	21	200	X	X	X	TSK
CANADA BASIN	BF619	72	48.10	137	23.31	76	3	11	5	200	X	X	X	TSK
CANADA BASIN	BF620	72	48.10	137	23.22	76	3	11	21	200	X	X	X	TSK
CANADA BASIN	BF621	72	48.10	137	23.35	76	3	12	5	190	X	X	X	TSK
CANADA BASIN	BF622	72	48.10	137	23.23	76	3	12	21	200	X	X	X	TSK
CANADA BASIN	BF623	72	48.09	137	23.13	76	3	13	5	190	X	X	X	TSK
CANADA BASIN	BF624	72	48.07	137	23.17	76	3	13	21	200	X	X	X	TSK
CANADA BASIN	BF625	72	47.99	137	22.51	76	3	14	5	190	X	X	X	TSK
CANADA BASIN	BF626	72	47.07	137	19.33	76	3	14	20	190	X	X	X	TSK
CANADA BASIN	BF627	72	46.28	137	16.61	76	3	15	5	190	X	X	X	TSK
CANADA BASIN	BF628	72	45.19	137	13.67	76	3	15	21	200	X	X	X	TSK
CANADA BASIN	BF629	72	45.06	137	13.03	76	3	16	5	200	X	X	X	TSK
CANADA BASIN	BF630	72	45.06	137	13.27	76	3	16	21	200	X	X	X	TSK
CANADA BASIN	BF631	72	44.26	137	11.90	76	3	17	7	190	X	X	X	TSK
CANADA BASIN	BF632	72	43.39	137	9.79	76	3	17	21	200	X	X	X	TSK
CANADA BASIN	BF633	72	43.39	137	9.98	76	3	18	5	200	X	X	X	TSK
CANADA BASIN	BF634	72	43.39	137	9.89	76	3	18	21	200	X	X	X	TSK
CANADA BASIN	BF635	72	43.39	137	9.88	76	3	19	5	200	X	X	X	TSK
CANADA BASIN	BF636	72	43.39	137	9.90	76	3	19	21	200	X	X	X	TSK
CANADA BASIN	BF637	72	43.38	137	10.11	76	3	20	5	200	X	X	X	TSK
CANADA BASIN	BF638	72	43.38	137	9.89	76	3	20	21	200	X	X	X	TSK
CANADA BASIN	BF639	72	43.39	137	9.77	76	3	21	5	200	X	X	X	TSK
CANADA BASIN	BF640	72	43.38	137	9.90	76	3	21	20	200	X	X	X	TSK
CANADA BASIN	BF641	72	43.05	137	9.37	76	3	22	5	200	X	X	X	TSK
CANADA BASIN	BF642	72	43.04	137	9.43	76	3	22	21	200	X	X	X	TSK
CANADA BASIN	BF643	72	43.03	137	9.48	76	3	23	5	200	X	X	X	TSK
CANADA BASIN	BF644	72	43.02	137	9.45	76	3	23	21	200	X	X	X	TSK
CANADA BASIN	BF645	72	42.99	137	9.33	76	3	24	5	200	X	X	X	TSK
CANADA BASIN	BF646	72	43.01	137	9.38	76	3	24	21	200	X	X	X	TSK
CANADA BASIN	BF647	72	43.03	137	9.48	76	3	25	5	200	X	X	X	TSK
CANADA BASIN	BF648	72	43.03	137	9.26	76	3	25	21	200	X	X	X	TSK
CANADA BASIN	BF649	72	43.03	137	9.32	76	3	26	5	200	X	X	X	TSK
CANADA BASIN	BF650	72	43.03	137	9.26	76	3	26	21	200	X	X	X	TSK
CANADA BASIN	BF651	72	43.05	137	9.30	76	3	27	5	200	X	X	X	TSK
CANADA BASIN	BF652	72	43.01	137	9.27	76	3	27	21	200	X	X	X	TSK
CANADA BASIN	BF653	72	43.05	137	9.31	76	3	28	5	200	X	X	X	TSK
CANADA BASIN	BF654	72	43.03	137	9.34	76	3	28	21	200	X	X	X	TSK
CANADA BASIN	BF655	72	43.05	137	9.37	76	3	29	5	200	X	X	X	TSK
CANADA BASIN	BF656	72	43.05	137	9.42	76	3	29	21	200	X	X	X	TSK
CANADA BASIN	BF657	72	43.03	137	9.23	76	3	30	5	200	X	X	X	TSK
CANADA BASIN	BF658	72	43.03	137	9.23	76	3	30	21	200	X	X	X	TSK
CANADA BASIN	BF659	72	43.04	137	9.31	76	3	31	5	200	X	X	X	TSK
CANADA BASIN	BF660	72	43.06	137	9.33	76	3	31	21	200	X	X	X	TSK
CANADA BASIN	BF661	72	43.03	137	9.15	76	4	1	5	200	X	X	X	TSK
CANADA BASIN	BF662	72	43.03	137	9.27	76	4	1	21	200	X	X	X	TSK
CANADA BASIN	BF663	72	43.05	137	9.25	76	4	2	5	200	X	X	X	TSK

CANADA BASIN	BF664	72	43.03	137	9.22	76	4	2	21	200	X	X	X	TSK
CANADA BASIN	BF665	72	43.04	137	9.21	76	4	3	5	200	X	X	X	TSK
CANADA BASIN	BF666	72	43.05	137	9.32	76	4	3	21	200	X	X	X	TSK
CANADA BASIN	BF667	72	43.02	137	9.30	76	4	4	5	200	X	X	X	TSK
CANADA BASIN	BF668	72	43.04	137	9.57	76	4	4	21	200	X	X	X	TSK
CANADA BASIN	BF669	72	43.04	137	9.31	76	4	5	5	200	X	X	X	TSK
CANADA BASIN	BF670	72	43.05	137	9.39	76	4	5	21	200	X	X	X	TSK
CANADA BASIN	BF671	72	43.05	137	9.28	76	4	6	5	200	X	X	X	TSK
CANADA BASIN	BF672	72	43.06	137	9.35	76	4	6	21	200	X	X	X	TSK
CANADA BASIN	BF673	72	43.09	137	9.20	76	4	7	5	200	X	X	X	TSK
CANADA BASIN	BF674	72	43.05	137	9.31	76	4	7	21	200	X	X	X	TSK
CANADA BASIN	BF675	72	43.05	137	9.40	76	4	8	5	200	X	X	X	TSK
CANADA BASIN	BF676	72	43.05	137	9.38	76	4	8	21	200	X	X	X	TSK
CANADA BASIN	BF677	72	44.10	137	10.86	76	4	9	7	190	X	X	X	TSK
CANADA BASIN	BF678	72	47.54	137	15.70	76	4	9	21	190	X	X	X	TSK
CANADA BASIN	BF679	72	47.76	137	17.08	76	4	10	5	200	X	X	X	TSK
CANADA BASIN	BF680	72	46.12	137	19.06	76	4	10	21	190	X	X	X	TSK
CANADA BASIN	BF681	72	45.40	137	18.09	76	4	11	5	200	X	X	X	TSK
CANADA BASIN	BF682	72	46.29	137	23.86	76	4	12		190	X	X	X	TSK
CANADA BASIN	BF683	72	46.86	137	28.27	76	4	12	5	190	X	X	X	TSK
CANADA BASIN	BF684	72	46.86	137	31.54	76	4	12	21	200	X	X	X	TSK
CANADA BASIN	BF685	72	46.47	137	30.28	76	4	13	5	200	X	X	X	TSK
CANADA BASIN	BF686	72	46.77	137	31.17	76	4	13	21	200	X	X	X	TSK
CANADA BASIN	BF687	72	46.99	137	31.70	76	4	14	5	200	X	X	X	TSK
CANADA BASIN	BF688	72	46.88	137	28.85	76	4	14	21	190	X	X	X	TSK
CANADA BASIN	BF689	72	46.27	137	22.20	76	4	15	7	190	X	X	X	TSK
CANADA BASIN	BF690	72	46.65	137	17.23	76	4	15	20	190	X	X	X	TSK
CANADA BASIN	BF691	72	47.00	137	14.03	76	4	16	5	200	X	X	X	TSK
CANADA BASIN	BF692	72	47.27	137	14.52	76	4	16	21	200	X	X	X	TSK
CANADA BASIN	BF693	72	47.40	137	15.89	76	4	17	5	200	X	X	X	TSK
CANADA BASIN	BF694	72	47.12	137	16.53	76	4	17	21	200	X	X	X	TSK
CANADA BASIN	BF695	72	47.12	137	17.19	76	4	18	5	200	X	X	X	TSK
CANADA BASIN	BF696	72	47.33	137	20.18	76	4	18	21	190	X	X	X	TSK
CANADA BASIN	BF697	72	47.20	137	23.88	76	4	19	5	190	X	X	X	TSK
CANADA BASIN	BF698	72	46.49	137	26.26	76	4	19	21	200	X	X	X	TSK
CANADA BASIN	BF699	72	46.18	137	26.18	76	4	20	5	200	X	X	X	TSK
CANADA BASIN	BF700	72	45.92	137	25.36	76	4	20	21	200	X	X	X	TSK
CANADA BASIN	SB 1	76	15.19	146	27.45	75	5	4	6	200	X	X	X	TSK
CANADA BASIN	SB 2	76	15.15	146	34.18	75	5	4	18	200	X	X	X	TSK
CANADA BASIN	SB 3	76	15.39	146	47.83	75	5	5	7	200	X	X	X	TSK
CANADA BASIN	SB 4	76	15.55	146	59.21	75	5	5	17	200	X	X	X	TSK
CANADA BASIN	SB 5	76	16.51	147	14.78	75	5	6	5	200	X	X	X	TSK
CANADA BASIN	SB 6	76	17.12	147	26.60	75	5	6	17	200	X	X	X	TSK
CANADA BASIN	SB 7	76	17.92	147	33.75	75	5	7	6	200	X	X	X	TSK
CANADA BASIN	SB 8	76	18.13	147	35.52	75	5	7	17	200	X	X	X	TSK
CANADA BASIN	SB 9	76	18.10	147	37.99	75	5	8	17	200	X	X	X	TSK
CANADA BASIN	SB 10	76	18.81	147	39.04	75	5	9	5	200	X	X	X	TSK
CANADA BASIN	SB 11	76	19.50	147	36.49	75	5	10	5	200	X	X	X	TSK
CANADA BASIN	SB 12	76	18.53	147	33.91	75	5	10	18	200	X	X	X	TSK
CANADA BASIN	SB 13	76	17.38	147	31.18	75	5	11	5	200	X	X	X	TSK
CANADA BASIN	SB 14	76	16.67	147	30.37	75	5	11	18	198	X	X	X	TSK
CANADA BASIN	SB 15	76	15.61	147	34.07	75	5	12	5	196	X	X	X	TSK
CANADA BASIN	SB 16	76	14.20	147	36.60	75	5	12	18	196	X	X	X	TSK
CANADA BASIN	SB 17	76	12.35	147	41.52	75	5	13	5	198	X	X	X	TSK
CANADA BASIN	SB 18	76	10.69	147	43.61	75	5	13	18	196	X	X	X	TSK
CANADA BASIN	SB 19	76	9.23	147	40.13	75	5	14	5	200	X	X	X	TSK
CANADA BASIN	SB 20	76	7.65	147	34.11	75	5	14	18	200	X	X	X	TSK
CANADA BASIN	SB 21	76	6.17	147	26.18	75	5	15	5	186	X	X	X	TSK
CANADA BASIN	SB 22	76	4.96	147	23.33	75	5	16	18	198	X	X	X	TSK
CANADA BASIN	SB 23	76	7.41	147	27.66	75	5	17	6	190	X	X	X	TSK
CANADA BASIN	SB 24	76	9.68	147	51.69	75	5	18	5	198	X	X	X	TSK
CANADA BASIN	SB 25	76	9.55	148	6.19	75	5	18	21	194	X	X	X	TSK
CANADA BASIN	SB 26	76	9.11	148	17.51	75	5	19	5	198	X	X	X	TSK
CANADA BASIN	SB 27	76	7.78	148	22.74	75	5	19	20	198	X	X	X	TSK
CANADA BASIN	SB 28	76	7.02	148	23.11	75	5	20	5	200	X	X	X	TSK
CANADA BASIN	SB 29	76	6.32	148	21.53	75	5	20	20	200	X	X	X	TSK
CANADA BASIN	SB 30	76	6.25	148	19.69	75	5	21	5	200	X	X	X	TSK
CANADA BASIN	SB 31	76	6.88	148	17.91	75	5	21	21	200	X	X	X	TSK
CANADA BASIN	SB 32	76	7.88	148	15.43	75	5	22	5	200	X	X	X	TSK
CANADA BASIN	SB 33	76	8.89	148	11.15	75	5	22	20	200	X	X	X	TSK
CANADA BASIN	SB 34	76	9.23	148	7.20	75	5	23	5	200	X	X	X	TSK
CANADA BASIN	SB 35	76	9.27	148	2.65	75	5	23	20	200	X	X	X	TSK
CANADA BASIN	SB 36	76	8.87	147	59.87	75	5	24	5	200	X	X	X	TSK
CANADA BASIN	SB 37	76	8.72	147	58.69	75	5	24	20	200	X	X	X	TSK
CANADA BASIN	SB 38	76	9.20	147	58.03	75	5	25	5	200	X	X	X	TSK
CANADA BASIN	SB 39	76	10.53	148	1.86	75	5	25	20	198	X	X	X	TSK
CANADA BASIN	SB 40	76	10.94	148	7.37	75	5	26	5	198	X	X	X	TSK
CANADA BASIN	SB 41	76	10.07	148	18.57	75	5	26	20	198	X	X	X	TSK
CANADA BASIN	SB 42	76	9.93	148	26.71	75	5	27	5	198	X	X	X	TSK
CANADA BASIN	SB 43	76	11.06	148	41.16	75	5	27	20	196	X	X	X	TSK
CANADA BASIN	SB 44	76	12.19	148	51.39	75	5	28	5	194	X	X	X	TSK
CANADA BASIN	SB 45	76	14.06	149	5.30	75	5	28	20	194	X	X	X	TSK
CANADA BASIN	SB 46	76	15.40	149	12.95	75	5	29	5	200	X	X	X	TSK

CANADA BASIN	SB 47	76	17.34	149	23.51	75	5	29	20	197	X	X	X	TSK
CANADA BASIN	SB 48	76	18.71	149	31.32	75	5	30	5	173	X	X	X	TSK
CANADA BASIN	SB 49	76	20.95	149	39.58	75	5	30	20	150	X	X	X	TSK
CANADA BASIN	SB 50	76	21.99	149	43.31	75	5	31	5	162	X	X	X	TSK
CANADA BASIN	SB 51	76	22.73	149	49.05	75	5	31	20	159	X	X	X	TSK
CANADA BASIN	SB 52	76	23.17	149	53.50	75	6	1	5	183	X	X	X	TSK
CANADA BASIN	SB 53	76	23.66	150	0.79	75	6	1	22	180	X	X	X	TSK
CANADA BASIN	SB 54	76	23.85	150	4.79	75	6	2	5	193	X	X	X	TSK
CANADA BASIN	SB 55	76	24.29	150	10.95	75	6	2	20	198	X	X	X	TSK
CANADA BASIN	SB 56	76	24.58	150	14.52	75	6	3	5	200	X	X	X	TSK
CANADA BASIN	SB 57	76	25.57	150	22.44	75	6	3	20	199	X	X	X	TSK
CANADA BASIN	SB 58	76	26.12	150	29.02	75	6	4	5	198	X	X	X	TSK
CANADA BASIN	SB 59	76	26.37	150	41.40	75	6	4	20	199	X	X	X	TSK
CANADA BASIN	SB 60	76	26.20	150	49.03	75	6	5	6	199	X	X	X	TSK
CANADA BASIN	SB 61	76	25.83	150	56.37	75	6	5	20	198	X	X	X	TSK
CANADA BASIN	SB 62	76	25.56	151	0.76	75	6	6	5	200	X	X	X	TSK
CANADA BASIN	SB 63	76	24.82	151	6.63	75	6	6	20	199	X	X	X	TSK
CANADA BASIN	SB 64	76	24.30	151	11.02	75	6	7	5	199	X	X	X	TSK
CANADA BASIN	SB 65	76	23.45	151	14.87	75	6	7	20	200	X	X	X	TSK
CANADA BASIN	SB 66	76	22.91	151	17.06	75	6	8	5	200	X	X	X	TSK
CANADA BASIN	SB 67	76	21.24	151	19.30	75	6	8	21	198	X	X	X	TSK
CANADA BASIN	SB 68	76	20.40	151	18.68	75	6	9	5	200	X	X	X	TSK
CANADA BASIN	SB 69	76	19.40	151	18.01	75	6	9	21	200	X	X	X	TSK
CANADA BASIN	SB 70	76	19.15	151	17.91	75	6	10	5	200	X	X	X	TSK
CANADA BASIN	SB 71	76	18.55	151	14.01	75	6	10	22	200	X	X	X	TSK
CANADA BASIN	SB 72	76	18.36	151	11.44	75	6	11	5	200	X	X	X	TSK
CANADA BASIN	SB 73	76	18.42	151	11.36	75	6	11	20	200	X	X	X	TSK
CANADA BASIN	SB 74	76	18.62	151	13.66	75	6	12	5	200	X	X	X	TSK
CANADA BASIN	SB 75	76	19.12	151	15.10	75	6	12	21	200	X	X	X	TSK
CANADA BASIN	SB 76	76	18.86	151	18.84	75	6	13	5	200	X	X	X	TSK
CANADA BASIN	SB 77	76	18.77	151	23.65	75	6	13	20	200	X	X	X	TSK
CANADA BASIN	SB 78	76	19.14	151	25.17	75	6	14	5	200	X	X	X	TSK
CANADA BASIN	SB 79	76	19.84	151	29.78	75	6	14	20	198	X	X	X	TSK
CANADA BASIN	SB 80	76	20.57	151	31.26	75	6	15	5	198	X	X	X	TSK
CANADA BASIN	SB 81	76	20.92	151	35.17	75	6	15	20	200	X	X	X	TSK
CANADA BASIN	SB 82	76	20.84	151	36.94	75	6	16	5	199	X	X	X	TSK
CANADA BASIN	SB 83	76	21.43	151	40.20	75	6	16	21	199	X	X	X	TSK
CANADA BASIN	SB 84	76	22.89	151	47.02	75	6	17	5	198	X	X	X	TSK
CANADA BASIN	SB 85	76	24.64	152	2.04	75	6	17	20	198	X	X	X	TSK
CANADA BASIN	SB 86	76	24.02	152	8.16	75	6	18	5	199	X	X	X	TSK
CANADA BASIN	SB 87	76	21.61	152	14.88	75	6	18	20	199	X	X	X	TSK
CANADA BASIN	SB 88	76	20.48	152	16.65	75	6	19	6	198	X	X	X	TSK
CANADA BASIN	SB 89	76	20.71	152	21.40	75	6	19	20	199	X	X	X	TSK
CANADA BASIN	SB 90	76	21.48	152	25.57	75	6	20	6	200	X	X	X	TSK
CANADA BASIN	SB 91	76	22.57	152	29.91	75	6	20	21	199	X	X	X	TSK
CANADA BASIN	SB 92	76	23.80	152	31.50	75	6	21	5	199	X	X	X	TSK
CANADA BASIN	SB 93	76	26.42	152	36.69	75	6	21	20	197	X	X	X	TSK
CANADA BASIN	SB 94	76	28.59	152	40.52	75	6	22	5	199	X	X	X	TSK
CANADA BASIN	SB 95	76	29.89	152	37.25	75	6	22	21	199	X	X	X	TSK
CANADA BASIN	SB 96	76	30.93	152	38.09	75	6	23	6	199	X	X	X	TSK
CANADA BASIN	SB 97	76	31.77	152	48.84	75	6	23	20	199	X	X	X	TSK
CANADA BASIN	SB 98	76	31.85	152	53.39	75	6	24	6	200	X	X	X	TSK
CANADA BASIN	SB 99	76	31.57	152	53.60	75	6	24	21	199	X	X	X	TSK
CANADA BASIN	SB100	76	31.41	152	53.02	75	6	25	6	199	X	X	X	TSK
CANADA BASIN	SB101	76	31.32	152	45.76	75	6	25	20	198	X	X	X	TSK
CANADA BASIN	SB102	76	31.62	152	38.41	75	6	26	5	198	X	X	X	TSK
CANADA BASIN	SB103	76	32.14	152	37.45	75	6	26	20	200	X	X	X	TSK
CANADA BASIN	SB104	76	33.43	152	41.90	75	6	27	5	198	X	X	X	TSK
CANADA BASIN	SB105	76	34.79	152	34.93	75	6	27	21	199	X	X	X	TSK
CANADA BASIN	SB106	76	35.66	152	33.93	75	6	28	6	198	X	X	X	TSK
CANADA BASIN	SB107	76	35.60	152	23.69	75	6	28	21	197	X	X	X	TSK
CANADA BASIN	SB108	76	34.31	152	15.65	75	6	29	5	200	X	X	X	TSK
CANADA BASIN	SB109	76	36.41	152	7.05	75	6	29	20	196	X	X	X	TSK
CANADA BASIN	SB110	76	37.59	152	1.71	75	6	30	5	197	X	X	X	TSK
CANADA BASIN	SB111	76	40.46	152	3.92	75	6	30	20	198	X	X	X	TSK
CANADA BASIN	SB112	76	40.38	151	57.53	75	7	1	5	196	X	X	X	TSK
CANADA BASIN	SB113	76	39.62	151	49.93	75	7	1	20	199	X	X	X	TSK
CANADA BASIN	SB114	76	39.66	151	48.17	75	7	2	5	198	X	X	X	TSK
CANADA BASIN	SB115	76	39.93	151	45.35	75	7	2	21	191	X	X	X	TSK
CANADA BASIN	SB116	76	40.57	151	35.98	75	7	3	5	196	X	X	X	TSK
CANADA BASIN	SB117	76	41.72	151	14.33	75	7	3	21	192	X	X	X	TSK
CANADA BASIN	SB118	76	41.53	151	6.35	75	7	4	5	196	X	X	X	TSK
CANADA BASIN	SB119	76	37.56	150	46.44	75	7	5	5	197	X	X	X	TSK
CANADA BASIN	SB120	76	33.20	150	33.02	75	7	5	20	183	X	X	X	TSK
CANADA BASIN	SB121	76	31.22	150	19.45	75	7	6	5	180	X	X	X	TSK
CANADA BASIN	SB122	76	32.48	150	10.22	75	7	7	2	176	X	X	X	TSK
CANADA BASIN	SB123	76	30.44	149	36.89	75	7	8	5	198	X	X	X	TSK
CANADA BASIN	SB124	76	30.42	149	36.04	75	7	8	21	200	X	X	X	TSK
CANADA BASIN	SB125	76	31.10	149	31.12	75	7	9	5	199	X	X	X	TSK
CANADA BASIN	SB126	76	34.32	149	22.74	75	7	9	20	199	X	X	X	TSK
CANADA BASIN	SB127	76	32.91	149	4.32	75	7	10	5	180	X	X	X	TSK
CANADA BASIN	SB128	76	29.44	148	45.37	75	7	11	5	198	X	X	X	TSK
CANADA BASIN	SB129	76	29.26	148	43.41	75	7	11	20	199	X	X	X	TSK

CANADA BASIN	SB130	76	30.31	148	41.83	75	7	12	6	198	X	X	X	TSK
CANADA BASIN	SB131	76	32.96	148	47.83	75	7	13	5	199	X	X	X	TSK
CANADA BASIN	SB132	76	34.37	148	50.38	75	7	14	5	200	X	X	X	TSK
CANADA BASIN	SB133	76	33.61	148	52.51	75	7	15	5	199	X	X	X	TSK
CANADA BASIN	SB134	76	32.77	148	56.82	75	7	15	22	200	X	X	X	TSK
CANADA BASIN	SB135	76	31.90	148	55.75	75	7	16	5	198	X	X	X	TSK
CANADA BASIN	SB136	76	28.07	148	52.12	75	7	16	22	200	X	X	X	TSK
CANADA BASIN	SB137	76	27.08	148	49.97	75	7	17	5	198	X	X	X	TSK
CANADA BASIN	SB138	76	25.93	148	44.52	75	7	17	22	200	X	X	X	TSK
CANADA BASIN	SB139	76	25.36	148	42.56	75	7	18	5	198	X	X	X	TSK
CANADA BASIN	SB140	76	22.44	148	42.65	75	7	18	22	198	X	X	X	TSK
CANADA BASIN	SB141	76	20.80	148	43.95	75	7	19	6	198	X	X	X	TSK
CANADA BASIN	SB142	76	18.51	148	47.06	75	7	19	23	200	X	X	X	TSK
CANADA BASIN	SB143	76	17.98	148	47.35	75	7	20	5	200	X	X	X	TSK
CANADA BASIN	SB144	76	13.69	148	45.53	75	7	20	22	200	X	X	X	TSK
CANADA BASIN	SB145	75	39.51	149	0.31	75	7	30	2	*	X	X	X	TSK
CANADA BASIN	SB146	75	38.86	149	2.99	75	7	30	5	195	X	X	X	TSK
CANADA BASIN	SB147	75	32.43	148	42.49	75	7	31	6	189	X	X	X	TSK
CANADA BASIN	SB148	75	29.37	148	28.13	75	7	31	23	200	X	X	X	TSK
CANADA BASIN	SB149	75	28.17	148	23.10	75	8	1	5	200	X	X	X	TSK
CANADA BASIN	SB150	75	24.56	148	12.48	75	8	2	6	*	X	X	X	TSK
CANADA BASIN	SB151	75	22.64	148	4.71	75	8	3	5	200	X	X	X	TSK
CANADA BASIN	SB152	75	22.03	147	54.61	75	8	3	22	197	X	X	X	TSK
CANADA BASIN	SB153	75	22.26	147	49.88	75	8	4	5	197	X	X	X	TSK
CANADA BASIN	SB154	75	25.03	147	32.33	75	8	4	22	193	X	X	X	TSK
CANADA BASIN	SB155	75	26.19	147	19.61	75	8	5	5	197	X	X	X	TSK
CANADA BASIN	SB156	75	26.18	147	18.59	75	8	5	6	*	X	X	X	TSK
CANADA BASIN	SB157	75	23.99	147	11.26	75	8	5	22	200	X	X	X	TSK
CANADA BASIN	SB158	75	23.26	147	7.54	75	8	6	6	200	X	X	X	TSK
CANADA BASIN	SB159	75	21.50	147	2.38	75	8	6	22	197	X	X	X	TSK
CANADA BASIN	SB160	75	21.24	147	0.49	75	8	7	5	200	X	X	X	TSK
CANADA BASIN	SB161	75	20.56	146	58.12	75	8	7	22	200	X	X	X	TSK
CANADA BASIN	SB162	75	21.07	146	54.21	75	8	8	5	197	X	X	X	TSK
CANADA BASIN	SB163	75	21.99	146	36.34	75	8	8	22	169	X	X	X	TSK
CANADA BASIN	SB164	75	21.97	146	34.47	75	8	8	23	*	X	X	X	TSK
CANADA BASIN	SB165	75	19.14	146	23.16	75	8	9	5	193	X	X	X	TSK
CANADA BASIN	SB166	75	18.82	146	23.04	75	8	9	6	*	X	X	X	TSK
CANADA BASIN	SB167	75	18.55	146	22.82	75	8	9	7	*	X	X	X	TSK
CANADA BASIN	SB168	75	15.82	146	2.82	75	8	9	22	198	X	X	X	TSK
CANADA BASIN	SB169	75	14.42	145	59.78	75	8	10	2	100	X	X	X	TSK
CANADA BASIN	SB170	75	11.81	145	56.16	75	8	10	5	157	X	X	X	TSK
CANADA BASIN	SB171	75	9.39	145	54.84	75	8	10	14	100	X	X	X	TSK
CANADA BASIN	SB172	75	6.33	145	51.27	75	8	10	22	197	X	X	X	TSK
CANADA BASIN	SB173	75	6.04	145	50.03	75	8	11	2	100	X	X	X	TSK
CANADA BASIN	SB174	75	4.92	145	46.35	75	8	11	5	172	X	X	X	TSK
CANADA BASIN	SB175	75	2.76	145	42.93	75	8	11	14	100	X	X	X	TSK
CANADA BASIN	SB176	75	0.45	145	33.83	75	8	11	22	196	X	X	X	TSK
CANADA BASIN	SB177	75	0.56	145	30.94	75	8	12	2	100	X	X	X	TSK
CANADA BASIN	SB178	75	0.25	145	25.22	75	8	12	5	186	X	X	X	TSK
CANADA BASIN	SB179	75	0.03	145	23.74	75	8	12	6	100	X	X	X	TSK
CANADA BASIN	SB180	74	58.84	145	7.96	75	8	12	22	200	X	X	X	TSK
CANADA BASIN	SB181	74	58.84	145	7.63	75	8	12	23	100	X	X	X	TSK
CANADA BASIN	SB182	75	0.34	145	4.30	75	8	13	5	193	X	X	X	TSK
CANADA BASIN	SB183	75	4.01	144	57.47	75	8	13	14	100	X	X	X	TSK
CANADA BASIN	SB184	75	3.26	144	45.18	75	8	13	23	196	X	X	X	TSK
CANADA BASIN	SB185	75	1.79	144	31.54	75	8	14	5	180	X	X	X	TSK
CANADA BASIN	SB186	75	1.36	144	30.93	75	8	14	6	100	X	X	X	TSK
CANADA BASIN	SB187	75	0.09	144	14.43	75	8	15	5	200	X	X	X	TSK
CANADA BASIN	SB188	75	0.06	144	14.39	75	8	15	6	*	X	X	X	TSK
CANADA BASIN	SB189	75	2.88	144	13.75	75	8	15	22	196	X	X	X	TSK
CANADA BASIN	SB190	75	3.15	144	13.55	75	8	15	23	*	X	X	X	TSK
CANADA BASIN	SB191	75	2.70	144	5.90	75	8	16	22	192	X	X	X	TSK
CANADA BASIN	SB192	75	2.37	144	6.39	75	8	16	23	100	X	X	X	TSK
CANADA BASIN	SB193	75	1.17	144	8.64	75	8	17	5	196	X	X	X	TSK
CANADA BASIN	SB194	75	1.04	144	8.53	75	8	17	6	*	X	X	X	TSK
CANADA BASIN	SB195	75	0.10	144	9.69	75	8	17	22	200	X	X	X	TSK
CANADA BASIN	SB196	75	0.02	144	9.86	75	8	18	5	200	X	X	X	TSK
CANADA BASIN	SB197	75	0.08	144	18.41	75	8	19	5	197	X	X	X	TSK
CANADA BASIN	SB198	75	1.07	144	26.50	75	8	19	22	196	X	X	X	TSK
CANADA BASIN	SB199	75	1.99	144	34.17	75	8	20	5	195	X	X	X	TSK
CANADA BASIN	SB200	75	3.23	144	49.44	75	8	20	22	200	X	X	X	TSK
CANADA BASIN	SB201	75	3.43	144	54.08	75	8	21	5	200	X	X	X	TSK
CANADA BASIN	SB202	75	3.20	144	55.76	75	8	21	22	200	X	X	X	TSK
CANADA BASIN	SB203	75	2.79	144	54.95	75	8	22	5	200	X	X	X	TSK
CANADA BASIN	SB204	75	0.96	144	47.98	75	8	22	22	197	X	X	X	TSK
CANADA BASIN	SB205	74	59.40	144	44.95	75	8	23	5	197	X	X	X	TSK
CANADA BASIN	SB206	74	57.27	144	41.66	75	8	23	22	187	X	X	X	TSK
CANADA BASIN	SB207	74	57.23	144	41.59	75	8	23	23	100	X	X	X	TSK
CANADA BASIN	SB208	74	56.89	144	40.16	75	8	24	5	187	X	X	X	TSK
CANADA BASIN	SB209	74	57.01	144	37.04	75	8	24	14	100	X	X	X	TSK
CANADA BASIN	SB210	74	57.72	144	27.62	75	8	24	22	196	X	X	X	TSK
CANADA BASIN	SB211	74	57.32	144	18.60	75	8	25	6	197	X	X	X	TSK
CANADA BASIN	SB212	74	57.67	144	7.24	75	8	25	22	198	X	X	X	TSK

CANADA BASIN	SB213	74	59.03	144	4.67	75	8	26	5	196	X	X	X	TSK
CANADA BASIN	SB214	75	2.54	144	1.78	75	8	26	22	197	X	X	X	TSK
CANADA BASIN	SB215	75	1.83	143	56.46	75	8	27	5	189	X	X	X	TSK
CANADA BASIN	SB216	74	55.52	143	38.46	75	8	27	22	170	X	X	X	TSK
CANADA BASIN	SB217	74	53.64	143	29.29	75	8	28	5	188	X	X	X	TSK
CANADA BASIN	SB218	74	50.24	143	9.01	75	8	28	22	197	X	X	X	TSK
CANADA BASIN	SB219	74	50.97	143	8.36	75	8	29	5	197	X	X	X	TSK
CANADA BASIN	SB220	74	47.36	143	1.81	75	8	29	22	176	X	X	X	TSK
CANADA BASIN	SB221	74	44.48	143	3.81	75	8	30	5	189	X	X	X	TSK
CANADA BASIN	SB222	74	37.90	142	55.48	75	8	31	22	161	X	X	X	TSK
CANADA BASIN	SB223	74	36.66	142	48.34	75	8	32	2	100	X	X	X	TSK
CANADA BASIN	SB224	74	34.86	142	47.81	75	9	1	5	194	X	X	X	TSK
CANADA BASIN	SB225	74	34.59	142	48.14	75	9	1	6	100	X	X	X	TSK
CANADA BASIN	SB226	74	30.94	142	36.50	75	9	1	22	196	X	X	X	TSK
CANADA BASIN	SB227	74	30.04	142	33.95	75	9	2	2	96	X	X	X	TSK
CANADA BASIN	SB228	74	28.71	142	34.69	75	9	2	5	188	X	X	X	TSK
CANADA BASIN	SB229	74	28.49	142	35.74	75	9	2	6	100	X	X	X	TSK
CANADA BASIN	SB230	74	27.57	142	37.93	75	9	2	22	200	X	X	X	TSK
CANADA BASIN	SB231	74	27.69	142	37.49	75	9	3		*	X	X	X	TSK
CANADA BASIN	SB232	74	27.13	142	36.01	75	9	3	5	196	X	X	X	TSK
CANADA BASIN	SB233	74	27.05	142	36.79	75	9	3	6	*	X	X	X	TSK
CANADA BASIN	SB234	74	28.60	142	41.58	75	9	3	23	193	X	X	X	TSK
CANADA BASIN	SB235	74	29.00	142	38.64	75	9	4	5	196	X	X	X	TSK
CANADA BASIN	SB236	74	28.91	142	40.58	75	9	4	14	100	X	X	X	TSK
CANADA BASIN	SB237	74	27.53	142	41.77	75	9	4	22	196	X	X	X	TSK
CANADA BASIN	SB238	74	27.38	142	41.04	75	9	5	2	99	X	X	X	TSK
CANADA BASIN	SB239	74	26.54	142	39.66	75	9	5	5	188	X	X	X	TSK
CANADA BASIN	SB240	74	23.29	142	47.74	75	9	5	22	194	X	X	X	TSK
CANADA BASIN	SB241	74	23.72	142	51.67	75	9	6	5	196	X	X	X	TSK
CANADA BASIN	SB242	74	23.62	142	51.90	75	9	6	6	*	X	X	X	TSK
CANADA BASIN	SB243	74	22.08	143	3.43	75	9	6	22	184	X	X	X	TSK
CANADA BASIN	SB244	74	22.65	143	7.97	75	9	7	5	200	X	X	X	TSK
CANADA BASIN	SB245	74	20.54	143	4.30	75	9	7	22	197	X	X	X	TSK
CANADA BASIN	SB246	74	20.25	142	58.63	75	9	8	5	195	X	X	X	TSK
CANADA BASIN	SB247	74	20.65	142	36.29	75	9	8	22	194	X	X	X	TSK
CANADA BASIN	SB248	74	21.00	142	28.39	75	9	9	5	186	X	X	X	TSK
CANADA BASIN	SB249	74	21.04	142	27.02	75	9	9	6	*	X	X	X	TSK
CANADA BASIN	SB250	74	20.21	142	4.95	75	9	9	22	196	X	X	X	TSK
CANADA BASIN	SB251	74	19.53	141	58.43	75	9	10	5	197	X	X	X	TSK
CANADA BASIN	SB252	74	18.34	141	43.63	75	9	10	22	196	X	X	X	TSK
CANADA BASIN	SB253	74	19.28	141	37.71	75	9	11	5	196	X	X	X	TSK
CANADA BASIN	SB254	74	19.66	141	19.88	75	9	11	22	194	X	X	X	TSK
CANADA BASIN	SB255	74	19.20	141	14.52	75	9	12	5	200	X	X	X	TSK
CANADA BASIN	SB256	74	21.02	140	52.68	75	9	12	22	183	X	X	X	TSK
CANADA BASIN	SB257	74	19.95	140	45.52	75	9	13	5	199	X	X	X	TSK
CANADA BASIN	SB258	74	18.63	140	42.57	75	9	13	22	200	X	X	X	TSK
CANADA BASIN	SB259	74	18.81	140	40.02	75	9	14	6	198	X	X	X	TSK
CANADA BASIN	SB260	74	16.77	140	38.34	75	9	14	22	197	X	X	X	TSK
CANADA BASIN	SB261	74	16.08	140	41.70	75	9	15	5	192	X	X	X	TSK
CANADA BASIN	SB262	74	16.63	140	52.55	75	9	15	22	196	X	X	X	TSK
CANADA BASIN	SB263	74	17.56	140	54.90	75	9	16	5	197	X	X	X	TSK
CANADA BASIN	SB264	74	19.10	140	57.87	75	9	16	22	197	X	X	X	TSK
CANADA BASIN	SB265	74	19.77	140	58.52	75	9	17	6	196	X	X	X	TSK
CANADA BASIN	SB266	74	24.27	141	0.75	75	9	17	22	168	X	X	X	TSK
CANADA BASIN	SB267	74	24.57	140	52.93	75	9	18	5	197	X	X	X	TSK
CANADA BASIN	SB268	74	22.55	140	50.74	75	9	18	22	197	X	X	X	TSK
CANADA BASIN	SB269	74	21.34	140	53.79	75	9	19	5	196	X	X	X	TSK
CANADA BASIN	SB270	74	19.42	141	4.66	75	9	19	22	197	X	X	X	TSK
CANADA BASIN	SB271	74	18.77	141	7.55	75	9	20	5	198	X	X	X	TSK
CANADA BASIN	SB272	74	17.91	140	58.25	75	9	20	22	195	X	X	X	TSK
CANADA BASIN	SB273	74	20.07	140	47.90	75	9	21	5	162	X	X	X	TSK
CANADA BASIN	SB274	74	18.34	140	17.43	75	9	21	22	165	X	X	X	TSK
CANADA BASIN	SB275	74	17.15	140	22.55	75	9	22	5	194	X	X	X	TSK
CANADA BASIN	SB276	74	17.03	140	26.51	75	9	22	22	195	X	X	X	TSK
CANADA BASIN	SB277	74	15.77	140	38.37	75	9	23	5	193	X	X	X	TSK
CANADA BASIN	SB278	74	13.63	140	39.65	75	9	23	23	194	X	X	X	TSK
CANADA BASIN	SB279	74	11.50	140	39.85	75	9	24	5	200	X	X	X	TSK
CANADA BASIN	SB280	74	7.91	140	19.39	75	9	24	23	193	X	X	X	TSK
CANADA BASIN	SB281	74	5.75	140	14.06	75	9	25	5	198	X	X	X	TSK
CANADA BASIN	SB282	74	2.22	140	18.06	75	9	25	22	190	X	X	X	TSK
CANADA BASIN	SB283	73	59.35	140	19.44	75	9	27	5	200	X	X	X	TSK
CANADA BASIN	SB284	73	59.03	140	17.06	75	9	27	22	200	X	X	X	TSK
CANADA BASIN	SB285	73	58.76	140	16.79	75	9	28	5	200	X	X	X	TSK
CANADA BASIN	SB286	73	58.18	140	16.19	75	9	28	23	198	X	X	X	TSK
CANADA BASIN	SB287	73	58.05	140	16.24	75	9	29	5	200	X	X	X	TSK
CANADA BASIN	SB288	73	58.27	140	17.58	75	9	29	22	200	X	X	X	TSK
CANADA BASIN	SB289	73	58.36	140	19.38	75	9	30	5	200	X	X	X	TSK
CANADA BASIN	SB290	73	58.85	140	32.64	75	9	30	22	200	X	X	X	TSK
CANADA BASIN	SB291	73	59.12	140	39.32	75	10	1	6	198	X	X	X	TSK
CANADA BASIN	SB292	74	0.55	141	2.06	75	10	1	22	194	X	X	X	TSK
CANADA BASIN	SB293	74	1.53	141	8.09	75	10	2	5	200	X	X	X	TSK
CANADA BASIN	SB294	74	6.16	141	26.43	75	10	3	5	198	X	X	X	TSK
CANADA BASIN	SB295	74	9.77	141	35.10	75	10	3	23	177	X	X	X	TSK

CANADA BASIN	SB296	74	11.03	141	38.26	75	10	4	5	198	X	X	X	TSK
CANADA BASIN	SB297	74	14.92	141	51.50	75	10	5	5	200	X	X	X	TSK
CANADA BASIN	SB298	74	15.24	141	58.04	75	10	5	23	200	X	X	X	TSK
CANADA BASIN	SB299	74	15.03	141	59.72	75	10	6	5	200	X	X	X	TSK
CANADA BASIN	SB300	74	14.57	142	8.57	75	10	7	1	200	X	X	X	TSK
CANADA BASIN	SB301	74	12.92	142	10.78	75	10	7	22	200	X	X	X	TSK
CANADA BASIN	SB302	74	12.50	142	10.94	75	10	8	5	200	X	X	X	TSK
CANADA BASIN	SB303	74	11.23	142	11.32	75	10	8	22	198	X	X	X	TSK
CANADA BASIN	SB304	74	10.51	142	11.39	75	10	9	5	198	X	X	X	TSK
CANADA BASIN	SB305	74	8.45	142	10.91	75	10	10	5	200	X	X	X	TSK
CANADA BASIN	SB306	74	6.70	142	8.90	75	10	11	5	200	X	X	X	TSK
CANADA BASIN	SB307	74	7.11	141	48.98	75	10	12	5	198	X	X	X	TSK
CANADA BASIN	SB308	74	7.15	141	39.34	75	10	12	22	198	X	X	X	TSK
CANADA BASIN	SB309	74	6.71	141	41.06	75	10	13	5	200	X	X	X	TSK
CANADA BASIN	SB310	74	5.12	141	46.01	75	10	13	22	198	X	X	X	TSK
CANADA BASIN	SB311	74	4.69	141	48.94	75	10	14	5	198	X	X	X	TSK
CANADA BASIN	SB312	74	4.35	141	56.93	75	10	14	22	200	X	X	X	TSK
CANADA BASIN	SB313	74	4.74	142	1.21	75	10	15	5	198	X	X	X	TSK
CANADA BASIN	SB314	74	6.07	142	17.90	75	10	15	22	198	X	X	X	TSK
CANADA BASIN	SB315	74	6.53	142	24.59	75	10	16	5	198	X	X	X	TSK
CANADA BASIN	SB316	74	6.08	142	36.55	75	10	16	22	196	X	X	X	TSK
CANADA BASIN	SB317	74	5.03	142	37.48	75	10	17	5	190	X	X	X	TSK
CANADA BASIN	SB318	74	2.53	142	33.58	75	10	18	5	188	X	X	X	TSK
CANADA BASIN	SB319	74	2.77	142	39.67	75	10	18	22	176	X	X	X	TSK
CANADA BASIN	SB320	74	3.19	142	44.48	75	10	19	5	176	X	X	X	TSK
CANADA BASIN	SB321	74	3.85	142	58.54	75	10	19	22	170	X	X	X	TSK
CANADA BASIN	SB322	74	4.18	143	2.85	75	10	20	5	200	X	X	X	TSK
CANADA BASIN	SB323	74	4.71	143	7.78	75	10	20	22	198	X	X	X	TSK
CANADA BASIN	SB324	74	4.86	143	8.88	75	10	21	5	200	X	X	X	TSK
CANADA BASIN	SB325	74	4.99	143	11.57	75	10	21	22	200	X	X	X	TSK
CANADA BASIN	SB326	74	4.69	143	12.86	75	10	22	5	200	X	X	X	TSK
CANADA BASIN	SB327	74	3.38	143	9.32	75	10	22	22	200	X	X	X	TSK
CANADA BASIN	SB328	74	3.37	143	9.03	75	10	23	5	200	X	X	X	TSK
CANADA BASIN	SB329	74	7.67	143	28.46	75	10	24	5	200	X	X	X	TSK
CANADA BASIN	SB330	74	10.79	143	35.27	75	10	24	22	200	X	X	X	TSK
CANADA BASIN	SB331	74	10.97	143	32.85	75	10	25	5	198	X	X	X	TSK
CANADA BASIN	SB332	74	9.60	143	22.98	75	10	25	22	194	X	X	X	TSK
CANADA BASIN	SB333	74	8.00	143	18.48	75	10	26	5	196	X	X	X	TSK
CANADA BASIN	SB334	74	3.19	142	58.28	75	10	27	5	194	X	X	X	TSK
CANADA BASIN	SB335	74	0.65	142	53.23	75	10	27	22	200	X	X	X	TSK
CANADA BASIN	SB336	73	58.65	142	54.86	75	10	28	6	194	X	X	X	TSK
CANADA BASIN	SB337	73	52.10	143	4.44	75	10	28	22	192	X	X	X	TSK
CANADA BASIN	SB338	73	49.12	143	7.47	75	10	29	5	194	X	X	X	TSK
CANADA BASIN	SB339	73	43.13	143	8.16	75	10	29	22	196	X	X	X	TSK
CANADA BASIN	SB340	73	40.69	143	6.20	75	10	30	5	192	X	X	X	TSK
CANADA BASIN	SB341	73	35.01	143	4.58	75	10	30	22	198	X	X	X	TSK
CANADA BASIN	SB342	73	33.14	143	5.09	75	10	31	5	198	X	X	X	TSK
CANADA BASIN	SB343	73	32.35	143	2.75	75	10	31	22	200	X	X	X	TSK
CANADA BASIN	SB344	73	32.08	143	0.51	75	11	1	5	200	X	X	X	TSK
CANADA BASIN	SB345	73	32.02	142	58.32	75	11	1	22	200	X	X	X	TSK
CANADA BASIN	SB346	73	32.06	142	57.72	75	11	2	5	200	X	X	X	TSK
CANADA BASIN	SB347	73	32.22	142	57.91	75	11	2	21	200	X	X	X	TSK
CANADA BASIN	SB348	73	32.41	142	58.15	75	11	3	5	200	X	X	X	TSK
CANADA BASIN	SB349	73	33.10	143	0.18	75	11	3	22	200	X	X	X	TSK
CANADA BASIN	SB350	73	33.47	143	0.36	75	11	4	5	200	X	X	X	TSK
CANADA BASIN	SB351	73	34.80	143	2.30	75	11	4	22	200	X	X	X	TSK
CANADA BASIN	SB352	73	35.76	143	2.85	75	11	5	5	200	X	X	X	TSK
CANADA BASIN	SB353	73	36.84	143	0.02	75	11	5	22	200	X	X	X	TSK
CANADA BASIN	SB354	73	37.20	142	57.40	75	11	6	5	200	X	X	X	TSK
CANADA BASIN	SB355	73	39.57	142	45.68	75	11	6	22	198	X	X	X	TSK
CANADA BASIN	SB356	73	40.39	142	41.65	75	11	7	5	198	X	X	X	TSK
CANADA BASIN	SB357	73	42.23	142	39.63	75	11	8	5	200	X	X	X	TSK
CANADA BASIN	SB358	73	42.20	142	37.96	75	11	9	5	198	X	X	X	TSK
CANADA BASIN	SB359	73	42.67	142	32.67	75	11	10	5	200	X	X	X	TSK
CANADA BASIN	SB360	73	43.15	142	32.46	75	11	11	5	200	X	X	X	TSK
CANADA BASIN	SB361	73	42.94	142	32.07	75	11	11	22	200	X	X	X	TSK
CANADA BASIN	SB362	73	42.86	142	31.92	75	11	12	5	200	X	X	X	TSK
CANADA BASIN	SB363	73	41.89	142	35.91	75	11	12	20	200	X	X	X	TSK
CANADA BASIN	SB364	73	40.96	142	42.98	75	11	13	7	200	X	X	X	TSK
CANADA BASIN	SB365	73	36.16	143	1.59	75	11	14	7	196	X	X	X	TSK
CANADA BASIN	SB366	73	30.96	143	11.95	75	11	14	23	200	X	X	X	TSK
CANADA BASIN	SB367	73	30.41	143	12.05	75	11	15	5	200	X	X	X	TSK
CANADA BASIN	SB368	73	29.90	143	8.82	75	11	16		200	X	X	X	TSK
CANADA BASIN	SB369	73	29.90	143	8.67	75	11	16	5	200	X	X	X	TSK
CANADA BASIN	SB370	73	29.86	143	8.25	75	11	16	22	200	X	X	X	TSK
CANADA BASIN	SB371	73	29.85	143	8.33	75	11	17	5	200	X	X	X	TSK
CANADA BASIN	SB372	73	29.87	143	8.51	75	11	17	22	200	X	X	X	TSK
CANADA BASIN	SB373	73	29.86	143	8.44	75	11	18	5	200	X	X	X	TSK
CANADA BASIN	SB374	73	29.85	143	8.41	75	11	18	22	200	X	X	X	TSK
CANADA BASIN	SB375	73	29.83	143	8.42	75	11	19	5	200	X	X	X	TSK
CANADA BASIN	SB376	73	30.19	143	9.56	75	11	19	22	200	X	X	X	TSK
CANADA BASIN	SB377	73	31.24	143	12.12	75	11	20	5	198	X	X	X	TSK
CANADA BASIN	SB378	73	36.24	143	26.25	75	11	21		190	X	X	X	TSK

CANADA BASIN	SB379	73	38.85	143	32.11	75	11	21	7	194	X	X	X	TSK
CANADA BASIN	SB380	73	45.60	143	46.93	75	11	22		196	X	X	X	TSK
CANADA BASIN	SB381	73	48.35	143	50.79	75	11	22	7	200	X	X	X	TSK
CANADA BASIN	SB382	73	51.72	143	55.85	75	11	23	5	200	X	X	X	TSK
CANADA BASIN	SB383	73	52.33	144	5.02	75	11	23	22	200	X	X	X	TSK
CANADA BASIN	SB384	73	52.61	144	7.29	75	11	24	5	200	X	X	X	TSK
CANADA BASIN	SB385	73	53.06	144	12.27	75	11	24	22	200	X	X	X	TSK
CANADA BASIN	SB386	73	53.54	144	18.24	75	11	25	7	200	X	X	X	TSK
CANADA BASIN	SB387	73	54.39	144	30.50	75	11	26		163	X	X	X	TSK
CANADA BASIN	SB388	73	55.42	144	35.49	75	11	26	6	158	X	X	X	TSK
CANADA BASIN	SB389	73	59.43	144	44.91	75	11	27		200	X	X	X	TSK
CANADA BASIN	SB390	74	0.37	144	46.92	75	11	27	5	200	X	X	X	TSK
CANADA BASIN	SB391	74	0.80	144	48.14	75	11	27	22	200	X	X	X	TSK
CANADA BASIN	SB392	74	0.78	144	49.10	75	11	28	5	200	X	X	X	TSK
CANADA BASIN	SB393	74	1.48	144	59.80	75	11	29	5	200	X	X	X	TSK
CANADA BASIN	SB394	74	1.01	145	4.02	75	11	29	22	200	X	X	X	TSK
CANADA BASIN	SB395	74	0.66	145	3.80	75	11	30	5	200	X	X	X	TSK
CANADA BASIN	SB396	73	59.02	144	59.22	75	12	1		196	X	X	X	TSK
CANADA BASIN	SB397	73	57.44	144	56.63	75	12	1	7	180	X	X	X	TSK
CANADA BASIN	SB398	73	53.84	144	58.10	75	12	2		186	X	X	X	TSK
CANADA BASIN	SB399	73	53.31	144	58.41	75	12	2	5	184	X	X	X	TSK
CANADA BASIN	SB400	73	52.03	144	56.06	75	12	2	22	198	X	X	X	TSK
CANADA BASIN	SB401	73	51.78	144	53.88	75	12	3	5	198	X	X	X	TSK
CANADA BASIN	SB402	73	51.43	144	50.54	75	12	3	23	198	X	X	X	TSK
CANADA BASIN	SB403	73	51.36	144	50.28	75	12	4	5	200	X	X	X	TSK
CANADA BASIN	SB404	73	51.32	144	49.98	75	12	4	23	200	X	X	X	TSK
CANADA BASIN	SB405	73	51.32	144	49.93	75	12	5	5	200	X	X	X	TSK
CANADA BASIN	SB406	73	51.14	144	49.64	75	12	5	22	200	X	X	X	TSK
CANADA BASIN	SB407	73	51.03	144	49.48	75	12	6	6	200	X	X	X	TSK
CANADA BASIN	SB408	73	50.94	144	48.66	75	12	6	22	200	X	X	X	TSK
CANADA BASIN	SB409	73	50.97	144	46.69	75	12	7	5	200	X	X	X	TSK
CANADA BASIN	SB410	73	53.64	144	38.00	75	12	8		200	X	X	X	TSK
CANADA BASIN	SB411	73	55.18	144	37.99	75	12	8	7	200	X	X	X	TSK
CANADA BASIN	SB412	73	56.81	144	49.30	75	12	8	22	200	X	X	X	TSK
CANADA BASIN	SB413	73	56.46	144	50.76	75	12	9	5	200	X	X	X	TSK
CANADA BASIN	SB414	73	54.66	144	48.72	75	12	9	22	198	X	X	X	TSK
CANADA BASIN	SB415	73	53.71	144	44.42	75	12	10	7	198	X	X	X	TSK
CANADA BASIN	SB416	73	50.75	144	35.27	75	12	11	6	200	X	X	X	TSK
CANADA BASIN	SB417	73	49.94	144	33.19	75	12	11	23	200	X	X	X	TSK
CANADA BASIN	SB418	73	49.96	144	33.18	75	12	12	5	200	X	X	X	TSK
CANADA BASIN	SB419	73	49.95	144	33.23	75	12	12	23	200	X	X	X	TSK
CANADA BASIN	SB420	73	49.90	144	33.09	75	12	13	5	200	X	X	X	TSK
CANADA BASIN	SB421	73	50.68	144	39.61	75	12	13	23	200	X	X	X	TSK
CANADA BASIN	SB422	73	51.51	144	45.48	75	12	14	6	200	X	X	X	TSK
CANADA BASIN	SB423	73	52.75	144	53.27	75	12	14	23	200	X	X	X	TSK
CANADA BASIN	SB424	73	53.16	144	52.99	75	12	15	5	200	X	X	X	TSK
CANADA BASIN	SB425	73	53.89	144	48.32	75	12	15	23	200	X	X	X	TSK
CANADA BASIN	SB426	73	53.86	144	46.70	75	12	16	5	200	X	X	X	TSK
CANADA BASIN	SB427	73	54.46	144	54.60	75	12	16	23	200	X	X	X	TSK
CANADA BASIN	SB428	73	55.05	145	0.75	75	12	17	6	200	X	X	X	TSK
CANADA BASIN	SB429	73	51.98	145	12.87	75	12	18	9	200	X	X	X	TSK
CANADA BASIN	SB430	73	47.84	144	58.85	75	12	25	21	200	X	X	X	TSK
CANADA BASIN	SB431	73	47.82	144	58.74	75	12	26	4	200	X	X	X	TSK
CANADA BASIN	SB432	73	47.81	144	58.76	75	12	26	21	200	X	X	X	TSK
CANADA BASIN	SB433	73	47.93	144	59.58	75	12	27	6	200	X	X	X	TSK
CANADA BASIN	SB434	73	48.40	145	5.26	75	12	27	19	200	X	X	X	TSK
CANADA BASIN	SB435	73	49.12	145	11.26	75	12	28	5	195	X	X	X	TSK
CANADA BASIN	SB436	73	50.10	145	19.44	75	12	28	21	199	X	X	X	TSK
CANADA BASIN	SB437	73	50.11	145	20.21	75	12	29	5	200	X	X	X	TSK
CANADA BASIN	SB438	73	49.34	145	15.05	75	12	29	21	200	X	X	X	TSK
CANADA BASIN	SB439	73	49.09	145	11.24	75	12	30	5	200	X	X	X	TSK
CANADA BASIN	SB440	73	48.77	145	6.23	75	12	30	21	200	X	X	X	TSK
CANADA BASIN	SB441	73	48.83	145	5.77	75	12	31	6	200	X	X	X	TSK
CANADA BASIN	SB442	73	50.53	145	12.23	75	12	31	22	200	X	X	X	TSK
CANADA BASIN	SB443	73	51.71	145	18.47	76	1	1	6	199	X	X	X	TSK
CANADA BASIN	SB444	73	53.29	145	24.11	76	1	1	23	200	X	X	X	TSK
CANADA BASIN	SB445	73	53.37	145	23.87	76	1	2	6	200	X	X	X	TSK
CANADA BASIN	SB446	73	55.93	145	26.33	76	1	2	21	200	X	X	X	TSK
CANADA BASIN	SB447	73	57.13	145	30.06	76	1	3	5	200	X	X	X	TSK
CANADA BASIN	SB448	74	0.27	145	35.05	76	1	3	21	191	X	X	X	TSK
CANADA BASIN	SB449	74	0.90	145	35.76	76	1	3	23	*	X	X	X	TSK
CANADA BASIN	SB450	74	3.03	145	38.36	76	1	4	6	199	X	X	X	TSK
CANADA BASIN	SB451	74	7.88	145	46.62	76	1	4	21	200	X	X	X	TSK
CANADA BASIN	SB452	74	9.66	145	50.32	76	1	5	5	150	X	X	X	TSK
CANADA BASIN	SB453	74	9.84	145	50.67	76	1	5	6	200	X	X	X	TSK
CANADA BASIN	SB454	74	11.02	145	51.90	76	1	5	21	200	X	X	X	TSK
CANADA BASIN	SB455	74	11.13	145	50.93	76	1	6	5	199	X	X	X	TSK
CANADA BASIN	SB456	74	11.73	145	46.40	76	1	6	21	197	X	X	X	TSK
CANADA BASIN	SB457	74	12.36	145	45.22	76	1	7	6	189	X	X	X	TSK
CANADA BASIN	SB458	74	12.84	145	46.46	76	1	7	21	192	X	X	X	TSK
CANADA BASIN	SB459	74	12.90	145	47.07	76	1	8	6	195	X	X	X	TSK
CANADA BASIN	SB460	74	12.10	145	48.50	76	1	8	21	178	X	X	X	TSK
CANADA BASIN	SB461	74	7.02	145	43.53	76	1	10	5	193	X	X	X	TSK

CANADA BASIN	SB462	74	5.63	145	22.56	76	1	11	7	195	X	X	X	TSK
CANADA BASIN	SB463	74	0.57	145	15.49	76	1	11	20	196	X	X	X	TSK
CANADA BASIN	SB464	73	57.62	145	6.14	76	1	12	17	197	X	X	X	TSK
CANADA BASIN	SB465	73	57.61	145	6.20	76	1	12	19	193	X	X	X	TSK
CANADA BASIN	SB466	73	57.55	145	5.96	76	1	13	7	194	X	X	X	TSK
CANADA BASIN	SB467	73	57.55	145	5.83	76	1	13	19	194	X	X	X	TSK
CANADA BASIN	SB468	73	58.31	145	6.27	76	1	14	19	196	X	X	X	TSK
CANADA BASIN	SB469	73	59.53	145	6.89	76	1	15	6	199	X	X	X	TSK
CANADA BASIN	SB470	73	59.70	145	8.36	76	1	15	19	200	X	X	X	TSK
CANADA BASIN	SB471	73	58.40	145	6.35	76	1	16	7	198	X	X	X	TSK
CANADA BASIN	SB472	73	57.49	145	2.64	76	1	16	20	199	X	X	X	TSK
CANADA BASIN	SB473	73	57.69	145	2.79	76	1	17	6	200	X	X	X	TSK
CANADA BASIN	SB474	73	57.58	145	4.28	76	1	17	20	200	X	X	X	TSK
CANADA BASIN	SB475	73	57.19	145	4.10	76	1	18	7	200	X	X	X	TSK
CANADA BASIN	SB476	73	57.00	145	3.93	76	1	18	20	200	X	X	X	TSK
CANADA BASIN	SB477	73	56.81	145	3.37	76	1	19	6	200	X	X	X	TSK
CANADA BASIN	SB478	73	56.29	144	59.83	76	1	19	20	200	X	X	X	TSK
CANADA BASIN	SB479	73	55.90	144	56.14	76	1	20	6	200	X	X	X	TSK
CANADA BASIN	SB480	73	55.68	144	54.66	76	1	20	21	200	X	X	X	TSK
CANADA BASIN	SB481	73	55.65	144	54.67	76	1	21	7	200	X	X	X	TSK
CANADA BASIN	SB482	73	55.45	144	56.81	76	1	21	20	200	X	X	X	TSK
CANADA BASIN	SB483	73	55.30	144	58.76	76	1	22		200	X	X	X	TSK
CANADA BASIN	SB484	73	54.77	145	1.56	76	1	22	6	200	X	X	X	TSK
CANADA BASIN	SB485	73	54.14	145	3.66	76	1	22	20	200	X	X	X	TSK
CANADA BASIN	SB486	73	53.27	145	5.49	76	1	23	7	200	X	X	X	TSK
CANADA BASIN	SB487	73	52.80	145	4.90	76	1	23	19	200	X	X	X	TSK
CANADA BASIN	SB488	73	52.64	145	2.91	76	1	24	6	200	X	X	X	TSK
CANADA BASIN	SB489	73	51.85	145	0.42	76	1	24	21	200	X	X	X	TSK
CANADA BASIN	SB490	73	51.67	145	0.43	76	1	25	6	200	X	X	X	TSK
CANADA BASIN	SB491	73	51.31	145	0.54	76	1	25	20	200	X	X	X	TSK
CANADA BASIN	SB492	73	51.27	145	0.65	76	1	26	7	200	X	X	X	TSK
CANADA BASIN	SB493	73	51.28	145	0.71	76	1	26	20	200	X	X	X	TSK
CANADA BASIN	SB494	73	51.28	145	0.54	76	1	27	7	200	X	X	X	TSK
CANADA BASIN	SB495	73	51.27	145	0.63	76	1	27	19	200	X	X	X	TSK
CANADA BASIN	SB496	73	51.26	145	0.79	76	1	28	7	200	X	X	X	TSK
CANADA BASIN	SB497	73	51.26	145	0.59	76	1	28	20	200	X	X	X	TSK
CANADA BASIN	SB498	73	51.28	145	0.69	76	1	29	6	200	X	X	X	TSK
CANADA BASIN	SB499	73	51.54	145	3.96	76	1	29	20	200	X	X	X	TSK
CANADA BASIN	SB500	73	51.74	145	11.89	76	1	30	7	199	X	X	X	TSK
CANADA BASIN	SB501	73	52.05	145	27.70	76	1	30	20	200	X	X	X	TSK
CANADA BASIN	SB502	73	52.36	145	37.26	76	1	31	6	200	X	X	X	TSK
CANADA BASIN	SB503	73	52.58	145	41.67	76	1	31	12	*	X	X	X	TSK
CANADA BASIN	SB504	73	55.48	145	48.31	76	2	1	21	200	X	X	X	TSK
CANADA BASIN	SB505	73	52.50	145	28.46	76	2	6	8	197	X	X	X	TSK
CANADA BASIN	SB506	73	50.53	145	18.11	76	2	7		194	X	X	X	TSK
CANADA BASIN	SB507	73	49.81	145	13.96	76	2	7	6	176	X	X	X	TSK
CANADA BASIN	SB508	73	46.03	145	1.63	76	2	8	7	198	X	X	X	TSK
CANADA BASIN	SB509	73	43.43	144	51.18	76	2	9	7	198	X	X	X	TSK
CANADA BASIN	SB510	73	42.93	144	47.67	76	2	9	23	200	X	X	X	TSK
CANADA BASIN	SB511	73	42.91	144	47.55	76	2	10	6	200	X	X	X	TSK
CANADA BASIN	SB512	73	42.89	144	47.60	76	2	10	23	200	X	X	X	TSK
CANADA BASIN	SB513	73	42.90	144	47.70	76	2	11	6	200	X	X	X	TSK
CANADA BASIN	SB514	73	42.76	144	46.11	76	2	12		200	X	X	X	TSK
CANADA BASIN	SB515	73	42.43	144	45.31	76	2	12	6	200	X	X	X	TSK
CANADA BASIN	SB516	73	41.60	144	43.28	76	2	12	23	200	X	X	X	TSK
CANADA BASIN	SB517	73	41.59	144	43.38	76	2	13	6	200	X	X	X	TSK
CANADA BASIN	SB518	73	41.59	144	43.29	76	2	13	23	200	X	X	X	TSK
CANADA BASIN	SB519	73	41.58	144	43.43	76	2	14	6	200	X	X	X	TSK
CANADA BASIN	SB520	73	41.58	144	43.47	76	2	15	6	200	X	X	X	TSK
CANADA BASIN	SB521	73	41.60	144	43.41	76	2	16		200	X	X	X	TSK
CANADA BASIN	SB522	73	41.59	144	43.37	76	2	16	7	200	X	X	X	TSK
CANADA BASIN	SB523	73	41.63	144	43.40	76	2	16	23	200	X	X	X	TSK
CANADA BASIN	SB524	73	41.36	144	41.87	76	2	17	6	200	X	X	X	TSK
CANADA BASIN	SB525	73	41.59	144	43.40	76	2	18		200	X	X	X	TSK
CANADA BASIN	SB526	73	41.57	144	43.42	76	2	18	7	200	X	X	X	TSK
CANADA BASIN	SB527	73	41.59	144	43.39	76	2	18	23	200	X	X	X	TSK
CANADA BASIN	SB528	73	41.58	144	43.42	76	2	20		200	X	X	X	TSK
CANADA BASIN	SB529	73	41.58	144	43.45	76	2	20	6	200	X	X	X	TSK
CANADA BASIN	SB530	73	41.59	144	43.20	76	2	20	20	200	X	X	X	TSK
CANADA BASIN	SB531	73	41.58	144	43.42	76	2	21	7	200	X	X	X	TSK
CANADA BASIN	SB532	73	41.58	144	43.40	76	2	21	20	200	X	X	X	TSK
CANADA BASIN	SB533	73	41.58	144	43.43	76	2	22	7	200	X	X	X	TSK
CANADA BASIN	SB534	73	41.59	144	43.33	76	2	22	23	200	X	X	X	TSK
CANADA BASIN	SB535	73	41.58	144	43.43	76	2	23	6	200	X	X	X	TSK
CANADA BASIN	SB536	73	41.59	144	43.48	76	2	23	23	200	X	X	X	TSK
CANADA BASIN	SB537	73	41.58	144	43.60	76	2	24	7	200	X	X	X	TSK
CANADA BASIN	SB538	73	41.60	144	43.53	76	2	24	20	200	X	X	X	TSK
CANADA BASIN	SB539	73	41.59	144	43.38	76	2	25	20	200	X	X	X	TSK
CANADA BASIN	SB540	73	41.59	144	43.60	76	2	26	6	200	X	X	X	TSK
CANADA BASIN	SB541	73	44.24	144	43.24	76	2	27	6	200	X	X	X	TSK
CANADA BASIN	SB542	73	44.36	144	39.98	76	2	27	23	200	X	X	X	TSK
CANADA BASIN	SB543	73	44.26	144	39.97	76	2	28	6	200	X	X	X	TSK
CANADA BASIN	SB544	73	44.39	144	40.15	76	2	28	20	200	X	X	X	TSK

CANADA BASIN	SB545	73	45.28	144	40.89	76	2	29	6	200	X	X	X	TSK
CANADA BASIN	SB546	73	46.91	144	42.42	76	2	29	20	200	X	X	X	TSK
CANADA BASIN	SB547	73	47.94	144	44.45	76	3	1	6	200	X	X	X	TSK
CANADA BASIN	SB548	73	47.90	144	45.06	76	3	1	21	200	X	X	X	TSK
CANADA BASIN	SB549	73	47.61	144	46.31	76	3	2	5	200	X	X	X	TSK
CANADA BASIN	SB550	73	46.72	144	43.53	76	3	3	7	200	X	X	X	TSK
CANADA BASIN	SB551	73	45.50	145	6.08	76	3	4	20	200	X	X	X	TSK
CANADA BASIN	SB552	73	43.44	145	7.46	76	3	5	22	200	X	X	X	TSK
CANADA BASIN	SB553	73	43.14	145	5.96	76	3	6	6	200	X	X	X	TSK
CANADA BASIN	SB554	73	43.14	145	3.55	76	3	6	20	200	X	X	X	TSK
CANADA BASIN	SB555	73	45.26	145	36.70	76	3	11	6	200	X	X	X	TSK
CANADA BASIN	SB556	73	44.73	145	39.98	76	3	12		200	X	X	X	TSK
CANADA BASIN	SB557	73	22.05	145	24.48	76	3	22	20	200	X	X	X	TSK
CANADA BASIN	SB558	73	22.05	145	24.51	76	3	23	8	200	X	X	X	TSK
CANADA BASIN	SB559	73	22.05	145	24.49	76	3	23	20	200	X	X	X	TSK
CANADA BASIN	SB560	73	22.03	145	23.94	76	3	24	7	200	X	X	X	TSK
CANADA BASIN	SB561	73	22.05	145	23.80	76	3	24	20	200	X	X	X	TSK
CANADA BASIN	SB562	73	22.09	145	22.80	76	3	25	6	200	X	X	X	TSK
CANADA BASIN	SB563	73	22.11	145	23.02	76	3	25	19	200	X	X	X	TSK
CANADA BASIN	SB564	73	22.09	145	23.02	76	3	26	6	200	X	X	X	TSK
CANADA BASIN	SB565	73	22.10	145	23.04	76	3	26	20	200	X	X	X	TSK
CANADA BASIN	SB566	73	22.07	145	22.99	76	3	27	13	200	X	X	X	TSK
CANADA BASIN	SB567	73	22.09	145	22.98	76	3	27	21	200	X	X	X	TSK
CANADA BASIN	SB568	73	22.10	145	23.05	76	3	28	6	200	X	X	X	TSK
CANADA BASIN	SB569	73	22.09	145	23.03	76	3	28	19	200	X	X	X	TSK
CANADA BASIN	SB570	73	22.10	145	22.99	76	3	29	6	200	X	X	X	TSK
CANADA BASIN	SB571	73	22.10	145	23.04	76	3	29	19	200	X	X	X	TSK
CANADA BASIN	SB572	73	22.10	145	23.02	76	3	30	7	200	X	X	X	TSK
CANADA BASIN	SB573	73	22.09	145	22.98	76	3	30	19	200	X	X	X	TSK
CANADA BASIN	SB574	73	22.10	145	22.95	76	3	31	6	200	X	X	X	TSK
CANADA BASIN	SB575	73	22.11	145	22.57	76	3	31	19	200	X	X	X	TSK
CANADA BASIN	SB576	73	22.09	145	23.06	76	4	1	6	200	X	X	X	TSK
CANADA BASIN	SB577	73	22.11	145	22.96	76	4	1	19	200	X	X	X	TSK
CANADA BASIN	SB578	73	22.10	145	23.03	76	4	2	7	200	X	X	X	TSK
CANADA BASIN	SB579	73	22.10	145	23.04	76	4	2	19	200	X	X	X	TSK
CANADA BASIN	SB580	73	22.02	145	23.04	76	4	3	6	200	X	X	X	TSK
CANADA BASIN	SB581	73	22.10	145	23.03	76	4	3	19	200	X	X	X	TSK
CANADA BASIN	SB582	73	22.09	145	22.94	76	4	4	6	200	X	X	X	TSK
CANADA BASIN	SB583	73	22.10	145	23.01	76	4	4	19	200	X	X	X	TSK
CANADA BASIN	SB584	73	22.07	145	24.61	76	4	5		200	X	X	X	TSK
CANADA BASIN	SB585	73	21.89	145	28.29	76	4	5	6	200	X	X	X	TSK
CANADA BASIN	SB586	73	21.78	145	29.94	76	4	5	19	200	X	X	X	TSK
CANADA BASIN	SB587	73	21.89	145	32.54	76	4	6	7	200	X	X	X	TSK
CANADA BASIN	SB588	73	22.06	145	33.79	76	4	6	20	200	X	X	X	TSK
CANADA BASIN	SB589	73	22.07	145	33.88	76	4	7	7	200	X	X	X	TSK
CANADA BASIN	SB590	73	22.01	145	33.58	76	4	7	19	200	X	X	X	TSK
CANADA BASIN	SB591	73	21.98	145	33.27	76	4	8	6	200	X	X	X	TSK
CANADA BASIN	SB592	73	22.81	145	35.48	76	4	8	20	200	X	X	X	TSK
CANADA BASIN	SB593	73	24.77	145	38.96	76	4	9	8	200	X	X	X	TSK
CANADA BASIN	SB594	73	24.57	145	40.08	76	4	9	20	200	X	X	X	TSK
CANADA BASIN	SB595	73	23.39	145	43.11	76	4	10	6	200	X	X	X	TSK
CANADA BASIN	SB596	73	22.73	145	48.73	76	4	10	19	200	X	X	X	TSK
CANADA BASIN	SB597	73	22.49	145	56.28	76	4	11	6	200	X	X	X	TSK
CANADA BASIN	SB598	73	22.83	146	7.43	76	4	11	20	200	X	X	X	TSK
CANADA BASIN	SB599	73	23.87	146	12.88	76	4	12	6	200	X	X	X	TSK
CANADA BASIN	SB600	73	24.03	146	13.05	76	4	12	19	200	X	X	X	TSK
CANADA BASIN	SB601	73	23.95	146	12.56	76	4	13	6	200	X	X	X	TSK
CANADA BASIN	SB602	73	23.80	146	10.70	76	4	13	19	200	X	X	X	TSK
CANADA BASIN	SB603	73	23.55	146	9.08	76	4	14	6	200	X	X	X	TSK
CANADA BASIN	SB604	73	23.36	146	4.83	76	4	14	19	200	X	X	X	TSK
CANADA BASIN	SB605	73	23.42	146	3.36	76	4	14	21	199	X	X	X	TSK
CANADA BASIN	SB606	73	23.52	146	2.01	76	4	14	23	*	X	X	X	TSK
CANADA BASIN	SB607	73	23.93	145	56.67	76	4	15	7	199	X	X	X	TSK
CANADA BASIN	SB608	73	24.72	145	51.04	76	4	15	19	200	X	X	X	TSK
CANADA BASIN	SB609	73	24.82	145	50.07	76	4	15	20	*	X	X	X	TSK
CANADA BASIN	SB610	73	25.49	145	44.47	76	4	16	6	200	X	X	X	TSK
CANADA BASIN	SB611	73	25.62	145	43.78	76	4	16	22	200	X	X	X	TSK
CANADA BASIN	SB612	73	25.51	145	43.64	76	4	17	6	199	X	X	X	TSK
CANADA BASIN	SB613	73	25.75	145	43.94	76	4	17	21	198	X	X	X	TSK
CANADA BASIN	SB614	73	25.84	145	44.08	76	4	18	2	199	X	X	X	TSK
CANADA BASIN	SB615	73	25.83	145	45.23	76	4	18	13	198	X	X	X	TSK
CANADA BASIN	SB616	73	25.61	145	48.63	76	4	19	1	197	X	X	X	TSK
CANADA BASIN	SB617	73	25.18	145	52.21	76	4	19	13	198	X	X	X	TSK
CANADA BASIN	SB618	73	24.22	145	56.92	76	4	20	1	200	X	X	X	TSK
CANADA BASIN	SB619	73	23.95	145	59.31	76	4	20	7	200	X	X	X	TSK
CANADA BASIN	SB620	73	23.72	146	1.33	76	4	20	19	200	X	X	X	TSK
CANADA BASIN	BB 1	0	0.00	0	0.00	75	4	8	5	200	X	X	X	TSK
CANADA BASIN	BB 2	0	0.00	0	0.00	75	4	9	18	200	X	X	X	TSK
CANADA BASIN	BB 3	0	0.00	0	0.00	75	4	10	5	200	X	X	X	TSK
CANADA BASIN	BB 4	0	0.00	0	0.00	75	4	10	17	200	X	X	X	TSK
CANADA BASIN	BB 5	76	21.10	145	20.77	75	4	11	5	200	X	X	X	TSK
CANADA BASIN	BB 6	76	21.08	145	20.52	75	4	11	6	*	X	X	X	TSK
CANADA BASIN	BB 7	76	21.09	145	18.07	75	4	11	17	195	X	X	X	TSK

CANADA BASIN	BB	8	76	21.16	145	17.93	75	4	11	18	200	X	X	X TSK
CANADA BASIN	BB	9	76	21.35	145	15.06	75	4	12	7	200	X	X	X TSK
CANADA BASIN	BB	0	76	21.19	145	15.71	75	4	13		200	X	X	X TSK
CANADA BASIN	BB	11	76	21.27	145	15.98	75	4	13	7	200	X	X	X TSK
CANADA BASIN	BB	12	76	21.34	145	17.16	75	4	13	17	193	X	X	X TSK
CANADA BASIN	BB	13	76	22.57	145	21.15	75	4	14	6	196	X	X	X TSK
CANADA BASIN	BB	14	76	25.31	145	30.99	75	4	14	17	182	X	X	X TSK
CANADA BASIN	BB	15	76	26.11	145	32.59	75	4	14	19	200	X	X	X TSK
CANADA BASIN	BB	16	76	29.20	145	35.88	75	4	15	5	190	X	X	X TSK
CANADA BASIN	BB	17	76	29.91	145	34.36	75	4	15	17	192	X	X	X TSK
CANADA BASIN	BB	18	76	29.27	145	20.87	75	4	16	5	194	X	X	X TSK
CANADA BASIN	BB	19	76	30.20	145	11.45	75	4	16	18	193	X	X	X TSK
CANADA BASIN	BB	20	76	30.65	145	0.52	75	4	17	5	195	X	X	X TSK
CANADA BASIN	BB	21	76	29.91	144	54.97	75	4	17	18	195	X	X	X TSK
CANADA BASIN	BB	22	76	28.92	144	48.40	75	4	18	6	200	X	X	X TSK
CANADA BASIN	BB	23	76	28.81	144	43.97	75	4	18	20	198	X	X	X TSK
CANADA BASIN	BB	24	76	29.12	144	41.12	75	4	18	23	*	X	X	X TSK
CANADA BASIN	BB	25	76	28.84	144	37.48	75	4	19	6	195	X	X	X TSK
CANADA BASIN	BB	26	76	28.93	144	31.83	75	4	19	19	195	X	X	X TSK
CANADA BASIN	BB	27	76	28.84	144	26.44	75	4	20	6	200	X	X	X TSK
CANADA BASIN	BB	28	76	28.79	144	25.67	75	4	20	19	200	X	X	X TSK
CANADA BASIN	BB	29	76	28.84	144	25.94	75	4	20	20	*	X	X	X TSK
CANADA BASIN	BB	30	76	29.36	144	26.73	75	4	21	6	200	X	X	X TSK
CANADA BASIN	BB	31	76	29.48	144	28.18	75	4	21	20	184	X	X	X TSK
CANADA BASIN	BB	32	76	29.45	144	28.68	75	4	21	22	200	X	X	X TSK
CANADA BASIN	BB	33	76	29.00	144	32.44	75	4	22	6	190	X	X	X TSK
CANADA BASIN	BB	34	76	28.08	144	35.94	75	4	22	20	200	X	X	X TSK
CANADA BASIN	BB	35	76	26.98	144	32.96	75	4	23	7	165	X	X	X TSK
CANADA BASIN	BB	36	76	26.35	144	31.03	75	4	23	19	200	X	X	X TSK
CANADA BASIN	BB	37	76	26.21	144	29.71	75	4	24	6	200	X	X	X TSK
CANADA BASIN	BB	38	76	26.31	144	30.15	75	4	24	19	200	X	X	X TSK
CANADA BASIN	BB	39	76	25.83	144	27.90	75	4	25	6	200	X	X	X TSK
CANADA BASIN	BB	40	76	25.84	144	27.98	75	4	25	19	200	X	X	X TSK
CANADA BASIN	BB	41	76	26.44	144	26.48	75	4	26	6	200	X	X	X TSK
CANADA BASIN	BB	42	76	26.65	144	26.95	75	4	26	19	200	X	X	X TSK
CANADA BASIN	BB	43	76	26.29	144	26.30	75	4	27	6	194	X	X	X TSK
CANADA BASIN	BB	44	76	25.76	144	22.86	75	4	27	19	194	X	X	X TSK
CANADA BASIN	BB	45	76	25.20	144	21.18	75	4	28	6	200	X	X	X TSK
CANADA BASIN	BB	46	76	25.16	144	19.98	75	4	28	19	200	X	X	X TSK
CANADA BASIN	BB	47	76	25.19	144	18.12	75	4	29	6	200	X	X	X TSK
CANADA BASIN	BB	48	76	25.45	144	15.95	75	4	29	19	194	X	X	X TSK
CANADA BASIN	BB	49	76	27.28	144	5.38	75	4	30	6	194	X	X	X TSK
CANADA BASIN	BB	50	76	28.82	143	45.48	75	4	30	19	153	X	X	X TSK
CANADA BASIN	BB	51	76	28.37	143	43.14	75	4	30	23	159	X	X	X TSK
CANADA BASIN	BB	52	76	27.83	143	39.98	75	5	1	6	188	X	X	X TSK
CANADA BASIN	BB	53	76	27.70	143	39.84	75	5	1	19	191	X	X	X TSK
CANADA BASIN	BB	54	76	27.13	143	41.66	75	5	2	6	192	X	X	X TSK
CANADA BASIN	BB	55	76	27.21	143	45.33	75	5	2	19	192	X	X	X TSK
CANADA BASIN	BB	56	76	26.58	143	51.87	75	5	3	6	200	X	X	X TSK
CANADA BASIN	BB	57	76	26.10	143	57.16	75	5	3	19	200	X	X	X TSK
CANADA BASIN	BB	58	76	25.71	144	4.08	75	5	4	6	200	X	X	X TSK
CANADA BASIN	BB	59	76	25.42	144	9.27	75	5	4	19	193	X	X	X TSK
CANADA BASIN	BB	60	76	25.48	144	21.19	75	5	5	6	194	X	X	X TSK
CANADA BASIN	BB	61	76	25.59	144	35.67	75	5	5	19	190	X	X	X TSK
CANADA BASIN	BB	62	76	26.32	144	46.73	75	5	6	6	190	X	X	X TSK
CANADA BASIN	BB	63	76	26.84	144	58.03	75	5	6	19	188	X	X	X TSK
CANADA BASIN	BB	64	76	27.59	145	4.59	75	5	7	6	200	X	X	X TSK
CANADA BASIN	BB	65	76	27.86	145	7.92	75	5	7	19	200	X	X	X TSK
CANADA BASIN	BB	66	76	28.01	145	9.80	75	5	8	6	200	X	X	X TSK
CANADA BASIN	BB	67	76	28.16	145	12.91	75	5	8	19	200	X	X	X TSK
CANADA BASIN	BB	68	76	28.95	145	14.20	75	5	9	6	200	X	X	X TSK
CANADA BASIN	BB	69	76	29.77	145	13.54	75	5	9	19	200	X	X	X TSK
CANADA BASIN	BB	70	76	29.76	145	12.35	75	5	10	6	200	X	X	X TSK
CANADA BASIN	BB	71	76	28.58	145	9.89	75	5	10	19	194	X	X	X TSK
CANADA BASIN	BB	72	76	27.23	145	7.11	75	5	11	6	194	X	X	X TSK
CANADA BASIN	BB	73	76	25.81	145	5.11	75	5	11	19	200	X	X	X TSK
CANADA BASIN	BB	74	76	24.44	145	6.98	75	5	12	6	200	X	X	X TSK
CANADA BASIN	BB	75	76	22.85	145	7.61	75	5	12	19	191	X	X	X TSK
CANADA BASIN	BB	76	76	20.73	145	12.17	75	5	13	6	194	X	X	X TSK
CANADA BASIN	BB	77	76	18.67	145	13.81	75	5	13	19	200	X	X	X TSK
CANADA BASIN	BB	78	76	17.03	145	9.90	75	5	14	6	194	X	X	X TSK
CANADA BASIN	BB	79	76	15.28	145	3.74	75	5	14	19	193	X	X	X TSK
CANADA BASIN	BB	80	76	13.66	144	55.96	75	5	15	6	193	X	X	X TSK
CANADA BASIN	BB	81	76	11.70	144	54.91	75	5	15	19	200	X	X	X TSK
CANADA BASIN	BB	82	76	10.75	144	55.45	75	5	16	6	200	X	X	X TSK
CANADA BASIN	BB	83	76	11.77	144	54.50	75	5	16	19	200	X	X	X TSK
CANADA BASIN	BB	84	76	13.64	144	58.25	75	5	17	6	200	X	X	X TSK
CANADA BASIN	BB	85	76	15.57	145	9.83	75	5	17	19	193	X	X	X TSK
CANADA BASIN	BB	86	76	16.56	145	20.43	75	5	18	6	193	X	X	X TSK
CANADA BASIN	BB	87	76	16.47	145	31.46	75	5	18	19	194	X	X	X TSK
CANADA BASIN	BB	88	76	15.70	145	40.73	75	5	19	6	194	X	X	X TSK
CANADA BASIN	BB	89	76	14.34	145	44.47	75	5	19	19	194	X	X	X TSK
CANADA BASIN	BB	90	76	13.10	145	46.73	75	5	20	6	200	X	X	X TSK

CANADA BASIN	BB 91	76	12.50	145	45.69	75	5	20	17	200	X	X	X TSK
CANADA BASIN	BB 92	76	12.23	145	42.98	75	5	21	5	200	X	X	X TSK
CANADA BASIN	BB 93	76	12.26	145	39.55	75	5	21	17	192	X	X	X TSK
CANADA BASIN	BB 94	76	13.44	145	34.86	75	5	22	5	200	X	X	X TSK
CANADA BASIN	BB 95	76	14.20	145	29.90	75	5	22	17	200	X	X	X TSK
CANADA BASIN	BB 96	76	14.50	145	24.52	75	5	23	5	200	X	X	X TSK
CANADA BASIN	BB 97	76	14.54	145	21.52	75	5	23	17	200	X	X	X TSK
CANADA BASIN	BB 98	76	14.48	145	20.90	75	5	23	19	200	X	X	X TSK
CANADA BASIN	BB 99	76	14.28	145	19.79	75	5	24		200	X	X	X TSK
CANADA BASIN	BB100	76	13.90	145	18.39	75	5	24	6	200	X	X	X TSK
CANADA BASIN	BB101	76	13.56	145	16.80	75	5	24	17	200	X	X	X TSK
CANADA BASIN	BB102	76	16.20	146	5.18	75	5	28	5	183	X	X	X TSK
CANADA BASIN	BB103	76	17.54	146	15.20	75	5	28	17	178	X	X	X TSK
CANADA BASIN	BB104	76	18.23	146	19.23	75	5	28	22	181	X	X	X TSK
CANADA BASIN	BB105	76	19.22	146	25.13	75	5	29	5	182	X	X	X TSK
CANADA BASIN	BB106	76	21.02	146	35.26	75	5	29	19	187	X	X	X TSK
CANADA BASIN	BB107	76	21.29	146	36.77	75	5	29	21	200	X	X	X TSK
CANADA BASIN	BB108	76	22.47	146	44.55	75	5	30	6	190	X	X	X TSK
CANADA BASIN	BB109	76	22.57	146	45.10	75	5	30	6	*	X	X	X TSK
CANADA BASIN	BB110	76	23.89	146	50.91	75	5	30	17	191	X	X	X TSK
CANADA BASIN	BB111	76	24.40	146	52.72	75	5	30	22	191	X	X	X TSK
CANADA BASIN	BB112	76	25.37	146	58.96	75	5	31	17	191	X	X	X TSK
CANADA BASIN	BB113	76	25.37	146	59.50	75	5	31	18	191	X	X	X TSK
CANADA BASIN	BB114	76	25.36	147	0.36	75	5	31	19	*	X	X	X TSK
CANADA BASIN	BB115	76	25.37	147	0.72	75	5	31	20	200	X	X	X TSK
CANADA BASIN	BB116	76	25.39	147	1.26	75	5	31	20	172	X	X	X TSK
CANADA BASIN	BB117	76	25.49	147	2.65	75	5	31	22	190	X	X	X TSK
CANADA BASIN	BB118	76	25.56	147	3.72	75	6	1		191	X	X	X TSK
CANADA BASIN	BB119	76	25.62	147	6.20	75	6	1	5	200	X	X	X TSK
CANADA BASIN	BB120	76	25.75	147	10.32	75	6	1	17	190	X	X	X TSK
CANADA BASIN	BB121	76	25.83	147	17.71	75	6	2	5	200	X	X	X TSK
CANADA BASIN	BB122	76	26.11	147	23.72	75	6	2	20	200	X	X	X TSK
CANADA BASIN	BB123	76	26.34	147	27.36	75	6	3	6	171	X	X	X TSK
CANADA BASIN	BB124	76	27.17	147	33.72	75	6	3	19	200	X	X	X TSK
CANADA BASIN	BB125	76	27.73	147	41.27	75	6	4	6	200	X	X	X TSK
CANADA BASIN	BB126	76	27.90	147	50.36	75	6	4	18	200	X	X	X TSK
CANADA BASIN	BB127	76	27.80	147	59.65	75	6	5	5	200	X	X	X TSK
CANADA BASIN	BB128	76	27.53	148	5.62	75	6	5	17	200	X	X	X TSK
CANADA BASIN	BB129	76	27.41	148	6.85	75	6	5	19	*	X	X	X TSK
CANADA BASIN	BB130	76	27.01	148	11.04	75	6	6	4	190	X	X	X TSK
CANADA BASIN	BB131	76	26.38	148	16.11	75	6	6	17	190	X	X	X TSK
CANADA BASIN	BB132	76	26.06	148	19.59	75	6	6	22	188	X	X	X TSK
CANADA BASIN	BB133	76	25.64	148	22.48	75	6	7	5	174	X	X	X TSK
CANADA BASIN	BB134	76	25.04	148	25.73	75	6	7	17	163	X	X	X TSK
CANADA BASIN	BB135	76	24.39	148	28.63	75	6	8	5	158	X	X	X TSK
CANADA BASIN	BB136	76	22.94	148	31.05	75	6	8	19	183	X	X	X TSK
CANADA BASIN	BB137	76	22.79	148	31.10	75	6	8	20	*	X	X	X TSK
CANADA BASIN	BB138	76	21.56	148	29.72	75	6	9	6	200	X	X	X TSK
CANADA BASIN	BB139	76	20.89	148	27.84	75	6	9	17	186	X	X	X TSK
CANADA BASIN	BB140	76	20.86	148	27.56	75	6	9	18	*	X	X	X TSK
CANADA BASIN	BB141	76	20.77	148	27.46	75	6	9	20	200	X	X	X TSK
CANADA BASIN	BB142	76	20.57	148	26.14	75	6	10	5	184	X	X	X TSK
CANADA BASIN	BB143	76	20.53	148	25.86	75	6	10	6	*	X	X	X TSK
CANADA BASIN	BB144	76	19.92	148	22.04	75	6	10	17	200	X	X	X TSK
CANADA BASIN	BB145	76	19.12	148	17.28	75	6	12	5	186	X	X	X TSK
CANADA BASIN	BB146	76	18.94	148	17.27	75	6	12	19	200	X	X	X TSK
CANADA BASIN	BB147	76	18.85	148	17.28	75	6	12	23	189	X	X	X TSK
CANADA BASIN	BB148	76	18.85	148	17.28	75	6	12	23	200	X	X	X TSK
CANADA BASIN	BB149	76	18.70	148	19.57	75	6	13	6	190	X	X	X TSK
CANADA BASIN	BB150	76	18.50	148	22.00	75	6	13	17	189	X	X	X TSK
CANADA BASIN	BB151	76	18.79	148	23.69	75	6	14	6	161	X	X	X TSK
CANADA BASIN	BB152	76	18.83	148	23.78	75	6	14	7	*	X	X	X TSK
CANADA BASIN	BB153	76	19.46	148	24.02	75	6	14	17	149	X	X	X TSK
CANADA BASIN	BB154	76	19.71	148	24.21	75	6	14	19	145	X	X	X TSK
CANADA BASIN	BB155	76	19.95	148	24.24	75	6	14	21	150	X	X	X TSK
CANADA BASIN	BB156	76	20.21	148	24.44	75	6	14	23	166	X	X	X TSK
CANADA BASIN	BB157	76	20.43	148	23.99	75	6	15	2	176	X	X	X TSK
CANADA BASIN	BB158	76	20.59	148	24.80	75	6	15	5	174	X	X	X TSK
CANADA BASIN	BB159	76	20.70	148	25.27	75	6	15	6	174	X	X	X TSK
CANADA BASIN	BB160	76	20.79	148	25.85	75	6	15	8	172	X	X	X TSK
CANADA BASIN	BB161	76	20.85	148	26.20	75	6	15	10	171	X	X	X TSK
CANADA BASIN	BB162	76	20.87	148	26.81	75	6	15	12	167	X	X	X TSK
CANADA BASIN	BB163	76	20.85	148	27.79	75	6	15	14	160	X	X	X TSK
CANADA BASIN	BB164	76	20.83	148	28.62	75	6	15	15	158	X	X	X TSK
CANADA BASIN	BB165	76	20.80	148	30.37	75	6	15	17	161	X	X	X TSK
CANADA BASIN	BB166	76	20.84	148	35.78	75	6	16	5	200	X	X	X TSK
CANADA BASIN	BB167	76	20.82	148	35.88	75	6	16	6	*	X	X	X TSK
CANADA BASIN	BB168	76	22.49	148	43.41	75	6	17	6	171	X	X	X TSK
CANADA BASIN	BB169	76	22.71	148	44.36	75	6	17	7	*	X	X	X TSK
CANADA BASIN	BB170	76	24.38	148	52.08	75	6	17	17	200	X	X	X TSK
CANADA BASIN	BB171	76	24.74	149	1.63	75	6	18	5	200	X	X	X TSK
CANADA BASIN	BB172	76	20.23	149	13.76	75	6	19	5	200	X	X	X TSK
CANADA BASIN	BB173	76	20.08	149	14.26	75	6	19	6	*	X	X	X TSK

CANADA BASIN	BB174	76	24.56	149	29.44	75	6	25	22	186	X	X	X	TSK
CANADA BASIN	BB175	76	24.39	149	24.09	75	6	26	5	200	X	X	X	TSK
CANADA BASIN	BB176	76	24.91	149	21.44	75	6	26	18	200	X	X	X	TSK
CANADA BASIN	BB177	76	26.71	149	27.76	75	6	27	8	200	X	X	X	TSK
CANADA BASIN	BB178	76	26.92	149	25.48	75	6	27	15	189	X	X	X	TSK
CANADA BASIN	BB179	76	26.81	149	20.48	75	6	27	23	190	X	X	X	TSK
CANADA BASIN	BB180	76	27.24	149	19.32	75	6	28	2	*	X	X	X	TSK
CANADA BASIN	BB181	76	27.89	149	18.70	75	6	28	5	190	X	X	X	TSK
CANADA BASIN	BB182	76	27.99	149	18.20	75	6	28	6	*	X	X	X	TSK
CANADA BASIN	BB183	76	28.20	149	10.80	75	6	28	16	190	X	X	X	TSK
CANADA BASIN	BB184	76	27.06	149	3.33	75	6	28	23	188	X	X	X	TSK
CANADA BASIN	BB185	76	26.35	148	57.55	75	6	29	5	190	X	X	X	TSK
CANADA BASIN	BB186	76	26.12	148	50.41	75	6	29	15	188	X	X	X	TSK
CANADA BASIN	BB187	76	28.54	148	43.62	75	6	30	5	200	X	X	X	TSK
CANADA BASIN	BB188	76	33.09	148	41.99	75	6	30	23	200	X	X	X	TSK
CANADA BASIN	BB189	76	33.17	148	41.63	75	7	1		*	X	X	X	TSK
CANADA BASIN	BB190	76	33.41	148	37.80	75	7	1	5	187	X	X	X	TSK
CANADA BASIN	BB191	76	32.71	148	30.62	75	7	1	16	188	X	X	X	TSK
CANADA BASIN	BB192	76	32.15	148	25.99	75	7	2		200	X	X	X	TSK
CANADA BASIN	BB193	76	32.35	148	24.42	75	7	2	5	200	X	X	X	TSK
CANADA BASIN	BB194	76	32.31	148	24.21	75	7	2	6	*	X	X	X	TSK
CANADA BASIN	BB195	76	32.25	148	25.01	75	7	2	16	200	X	X	X	TSK
CANADA BASIN	BB196	76	31.82	148	19.50	75	7	2	22	188	X	X	X	TSK
CANADA BASIN	BB197	76	32.34	148	11.35	75	7	3	5	182	X	X	X	TSK
CANADA BASIN	BB198	76	32.51	148	6.77	75	7	3	8	185	X	X	X	TSK
CANADA BASIN	BB199	76	32.51	148	4.53	75	7	3	10	188	X	X	X	TSK
CANADA BASIN	BB200	76	32.53	148	2.18	75	7	3	12	188	X	X	X	TSK
CANADA BASIN	BB201	76	33.53	147	54.05	75	7	3	18	184	X	X	X	TSK
CANADA BASIN	BB202	76	33.83	147	44.38	75	7	4	4	188	X	X	X	TSK
CANADA BASIN	BB203	76	31.74	147	39.40	75	7	4	13	189	X	X	X	TSK
CANADA BASIN	BB204	76	30.15	147	27.62	75	7	5		188	X	X	X	TSK
CANADA BASIN	BB205	76	29.94	147	25.91	75	7	5	3	188	X	X	X	TSK
CANADA BASIN	BB206	76	29.14	147	19.99	75	7	5	9	40	X	X	X	TSK
CANADA BASIN	BB207	76	28.56	147	18.75	75	7	5	11	40	X	X	X	TSK
CANADA BASIN	BB208	76	27.91	147	18.39	75	7	5	13	40	X	X	X	TSK
CANADA BASIN	BB209	76	27.42	147	17.39	75	7	5	15	40	X	X	X	TSK
CANADA BASIN	BB210	76	26.98	147	15.37	75	7	5	17	184	X	X	X	TSK
CANADA BASIN	BB211	76	25.56	147	9.74	75	7	5	21	40	X	X	X	TSK
CANADA BASIN	BB212	76	24.10	147	1.29	75	7	6	3	200	X	X	X	TSK
CANADA BASIN	BB213	76	23.46	146	57.43	75	7	6	5	200	X	X	X	TSK
CANADA BASIN	BB214	76	22.58	146	53.29	75	7	6	9	200	X	X	X	TSK
CANADA BASIN	BB215	76	22.34	146	51.76	75	7	6	11	200	X	X	X	TSK
CANADA BASIN	BB216	76	23.57	146	46.08	75	7	7		200	X	X	X	TSK
CANADA BASIN	BB217	76	24.71	146	35.99	75	7	7	9	200	X	X	X	TSK
CANADA BASIN	BB218	76	24.65	146	33.58	75	7	7	11	200	X	X	X	TSK
CANADA BASIN	BB219	76	24.66	146	30.76	75	7	7	13	200	X	X	X	TSK
CANADA BASIN	BB220	76	24.28	146	24.37	75	7	7	16	166	X	X	X	TSK
CANADA BASIN	BB221	76	23.61	146	19.63	75	7	7	19	174	X	X	X	TSK
CANADA BASIN	BB222	76	21.86	146	15.13	75	7	8	1	188	X	X	X	TSK
CANADA BASIN	BB223	76	21.64	146	14.05	75	7	8	4	200	X	X	X	TSK
CANADA BASIN	BB224	76	21.59	146	13.70	75	7	8	4	200	X	X	X	TSK
CANADA BASIN	BB225	76	20.89	146	6.03	75	7	9	5	190	X	X	X	TSK
CANADA BASIN	BB226	76	23.17	146	0.43	75	7	9	16	187	X	X	X	TSK
CANADA BASIN	BB227	76	24.29	145	52.54	75	7	9	22	178	X	X	X	TSK
CANADA BASIN	BB228	76	23.41	145	40.09	75	7	10	3	200	X	X	X	TSK
CANADA BASIN	BB229	76	23.23	145	38.56	75	7	10	4	200	X	X	X	TSK
CANADA BASIN	BB230	76	22.88	145	36.24	75	7	10	5	164	X	X	X	TSK
CANADA BASIN	BB231	76	20.66	145	22.06	75	7	10	15	186	X	X	X	TSK
CANADA BASIN	BB232	76	19.77	145	18.38	75	7	10	21	200	X	X	X	TSK
CANADA BASIN	BB233	76	18.60	145	6.13	75	7	12	7	200	X	X	X	TSK
CANADA BASIN	BB234	76	19.29	145	6.41	75	7	12	15	200	X	X	X	TSK
CANADA BASIN	BB235	76	19.83	145	8.81	75	7	12	23	200	X	X	X	TSK
CANADA BASIN	BB236	76	20.25	145	9.75	75	7	13	5	200	X	X	X	TSK
CANADA BASIN	BB237	76	20.93	145	11.75	75	7	13	16	200	X	X	X	TSK
CANADA BASIN	BB238	76	21.22	145	11.26	75	7	13	23	200	X	X	X	TSK
CANADA BASIN	BB239	76	21.28	145	11.05	75	7	14	5	200	X	X	X	TSK
CANADA BASIN	BB240	76	21.02	145	10.01	75	7	14	16	200	X	X	X	TSK
CANADA BASIN	BB241	76	20.60	145	10.37	75	7	14	23	200	X	X	X	TSK
CANADA BASIN	BB242	76	19.39	145	13.95	75	7	15	16	191	X	X	X	TSK
CANADA BASIN	BB243	76	18.68	145	15.11	75	7	15	22	200	X	X	X	TSK
CANADA BASIN	BB244	76	17.28	145	12.95	75	7	16	5	190	X	X	X	TSK
CANADA BASIN	BB245	76	17.11	145	12.86	75	7	16	6	*	X	X	X	TSK
CANADA BASIN	BB246	76	13.75	145	8.55	75	7	16	19	142	X	X	X	TSK
CANADA BASIN	BB247	76	13.05	145	8.73	75	7	16	22	190	X	X	X	TSK
CANADA BASIN	BB248	76	12.92	145	8.56	75	7	16	23	*	X	X	X	TSK
CANADA BASIN	BB249	76	12.54	145	7.88	75	7	17	1	100	X	X	X	TSK
CANADA BASIN	BB250	76	11.80	145	7.34	75	7	17	5	191	X	X	X	TSK
CANADA BASIN	BB251	76	10.81	145	4.34	75	7	17	15	190	X	X	X	TSK
CANADA BASIN	BB252	76	10.08	145	2.89	75	7	17	22	191	X	X	X	TSK
CANADA BASIN	BB253	76	9.37	145	0.79	75	7	18	5	190	X	X	X	TSK
CANADA BASIN	BB254	76	7.76	144	59.74	75	7	18	15	188	X	X	X	TSK
CANADA BASIN	BB255	76	5.61	144	58.52	75	7	18	22	188	X	X	X	TSK
CANADA BASIN	BB256	76	3.93	144	58.76	75	7	19	5	187	X	X	X	TSK

CANADA BASIN	BB257	76	3.71	144	58.89	75	7	19	6	*	X	X	X	TSK
CANADA BASIN	BB258	76	0.64	145	0.63	75	7	19	23	200	X	X	X	TSK
CANADA BASIN	BB259	75	59.75	144	59.30	75	7	20	5	190	X	X	X	TSK
CANADA BASIN	BB260	75	59.60	144	59.47	75	7	20	6	*	X	X	X	TSK
CANADA BASIN	BB261	75	57.95	144	56.73	75	7	20	15	200	X	X	X	TSK
CANADA BASIN	BB262	75	55.16	144	53.73	75	7	20	22	200	X	X	X	TSK
CANADA BASIN	BB263	75	52.87	144	54.36	75	7	21	5	200	X	X	X	TSK
CANADA BASIN	BB264	75	50.03	144	58.17	75	7	21	16	200	X	X	X	TSK
CANADA BASIN	BB265	75	48.21	144	59.51	75	7	21	22	200	X	X	X	TSK
CANADA BASIN	BB266	75	46.78	145	0.55	75	7	22	5	200	X	X	X	TSK
CANADA BASIN	BB267	75	44.87	145	2.53	75	7	22	15	185	X	X	X	TSK
CANADA BASIN	BB268	75	43.72	145	4.04	75	7	22	22	186	X	X	X	TSK
CANADA BASIN	BB269	75	43.14	145	6.13	75	7	23	5	186	X	X	X	TSK
CANADA BASIN	BB270	75	42.50	145	8.49	75	7	23	15	200	X	X	X	TSK
CANADA BASIN	BB271	75	41.62	145	9.11	75	7	24	5	200	X	X	X	TSK
CANADA BASIN	BB272	75	41.63	145	10.71	75	7	24	15	200	X	X	X	TSK
CANADA BASIN	BB273	75	41.52	145	16.78	75	7	25	5	186	X	X	X	TSK
CANADA BASIN	BB274	75	40.79	145	26.44	75	7	25	22	186	X	X	X	TSK
CANADA BASIN	BB275	75	39.80	145	28.76	75	7	26	5	190	X	X	X	TSK
CANADA BASIN	BB276	75	37.92	145	28.56	75	7	26	16	192	X	X	X	TSK
CANADA BASIN	BB277	75	35.49	145	23.71	75	7	27	5	200	X	X	X	TSK
CANADA BASIN	BB278	75	34.12	145	20.65	75	7	27	16	191	X	X	X	TSK
CANADA BASIN	BB279	75	31.13	145	14.96	75	7	28	15	200	X	X	X	TSK
CANADA BASIN	BB280	75	26.91	144	50.09	75	7	29	16	180	X	X	X	TSK
CANADA BASIN	BB281	75	19.04	144	32.75	75	7	30	15	183	X	X	X	TSK
CANADA BASIN	BB282	75	13.08	144	11.64	75	7	31	16	161	X	X	X	TSK
CANADA BASIN	BB283	75	10.47	143	58.36	75	8	1	5	137	X	X	X	TSK
CANADA BASIN	BB284	75	8.19	143	50.31	75	8	1	16	182	X	X	X	TSK
CANADA BASIN	BB285	75	5.64	143	43.99	75	8	2	5	190	X	X	X	TSK
CANADA BASIN	BB286	75	4.47	143	39.88	75	8	2	16	191	X	X	X	TSK
CANADA BASIN	BB287	75	2.67	143	33.49	75	8	3	5	190	X	X	X	TSK
CANADA BASIN	BB288	75	2.13	143	29.06	75	8	3	16	187	X	X	X	TSK
CANADA BASIN	BB289	75	2.10	143	28.77	75	8	3	17	*	X	X	X	TSK
CANADA BASIN	BB290	75	1.09	143	21.03	75	8	4	5	188	X	X	X	TSK
CANADA BASIN	BB291	75	1.53	143	15.05	75	8	4	16	182	X	X	X	TSK
CANADA BASIN	BB292	75	3.65	142	57.08	75	8	5	5	200	X	X	X	TSK
CANADA BASIN	BB293	75	4.16	142	47.78	75	8	5	16	200	X	X	X	TSK
CANADA BASIN	BB294	75	3.97	142	47.41	75	8	5	17	*	X	X	X	TSK
CANADA BASIN	BB295	75	1.81	142	44.52	75	8	6	5	190	X	X	X	TSK
CANADA BASIN	BB296	75	1.70	142	44.19	75	8	6	5	*	X	X	X	TSK
CANADA BASIN	BB297	74	59.11	142	36.52	75	8	7	16	190	X	X	X	TSK
CANADA BASIN	BB298	74	59.06	142	36.22	75	8	7	17	93	X	X	X	TSK
CANADA BASIN	BB299	74	59.05	142	36.15	75	8	7	17	*	X	X	X	TSK
CANADA BASIN	BB300	74	58.59	142	33.02	75	8	8	4	190	X	X	X	TSK
CANADA BASIN	BB301	74	58.62	142	32.65	75	8	8	5	*	X	X	X	TSK
CANADA BASIN	BB302	74	58.82	142	26.28	75	8	8	16	200	X	X	X	TSK
CANADA BASIN	BB303	74	59.14	142	19.02	75	8	8	22	174	X	X	X	TSK
CANADA BASIN	BB304	74	57.66	142	2.03	75	8	9	5	127	X	X	X	TSK
CANADA BASIN	BB305	74	55.55	142	1.06	75	8	9	10	188	X	X	X	TSK
CANADA BASIN	BB306	74	55.77	141	59.93	75	8	9	12	186	X	X	X	TSK
CANADA BASIN	BB307	74	56.20	141	55.64	75	8	9	14	129	X	X	X	TSK
CANADA BASIN	BB308	74	55.82	141	49.42	75	8	9	16	123	X	X	X	TSK
CANADA BASIN	BB309	74	53.97	141	41.49	75	8	9	22	183	X	X	X	TSK
CANADA BASIN	BB310	74	53.82	141	41.06	75	8	10		177	X	X	X	TSK
CANADA BASIN	BB311	74	53.63	141	39.49	75	8	10	2	148	X	X	X	TSK
CANADA BASIN	BB312	74	52.44	141	34.77	75	8	10	5	133	X	X	X	TSK
CANADA BASIN	BB313	74	50.17	141	31.41	75	8	10	8	164	X	X	X	TSK
CANADA BASIN	BB314	74	48.96	141	32.84	75	8	10	11	200	X	X	X	TSK
CANADA BASIN	BB315	74	46.43	141	25.43	75	8	10	23	178	X	X	X	TSK
CANADA BASIN	BB316	74	46.22	141	23.02	75	8	11	5	184	X	X	X	TSK
CANADA BASIN	BB317	74	44.05	141	18.31	75	8	11	16	177	X	X	X	TSK
CANADA BASIN	BB318	74	41.92	141	7.51	75	8	12	5	188	X	X	X	TSK
CANADA BASIN	BB319	74	41.94	141	6.66	75	8	12	5	188	X	X	X	TSK
CANADA BASIN	BB320	74	41.81	141	4.40	75	8	12	7	*	X	X	X	TSK
CANADA BASIN	BB321	74	40.56	140	57.47	75	8	12	17	188	X	X	X	TSK
CANADA BASIN	BB322	74	40.61	140	56.66	75	8	12	17	*	X	X	X	TSK
CANADA BASIN	BB323	74	40.99	140	49.98	75	8	13	5	200	X	X	X	TSK
CANADA BASIN	BB324	74	43.51	140	44.75	75	8	13	16	154	X	X	X	TSK
CANADA BASIN	BB325	74	43.22	140	26.81	75	8	14	5	182	X	X	X	TSK
CANADA BASIN	BB326	74	41.38	140	17.31	75	8	14	16	200	X	X	X	TSK
CANADA BASIN	BB327	74	41.62	140	12.89	75	8	15	6	190	X	X	X	TSK
CANADA BASIN	BB328	74	42.77	140	14.93	75	8	15	16	190	X	X	X	TSK
CANADA BASIN	BB329	74	43.73	140	14.15	75	8	16	5	190	X	X	X	TSK
CANADA BASIN	BB330	74	43.99	140	13.33	75	8	16	16	191	X	X	X	TSK
CANADA BASIN	BB331	74	41.63	140	16.91	75	8	17	5	184	X	X	X	TSK
CANADA BASIN	BB332	74	40.09	140	24.04	75	8	17	17	189	X	X	X	TSK
CANADA BASIN	BB333	74	39.60	140	29.42	75	8	18	5	176	X	X	X	TSK
CANADA BASIN	BB334	74	39.18	140	32.28	75	8	18	16	190	X	X	X	TSK
CANADA BASIN	BB335	74	38.83	140	41.66	75	8	19	5	200	X	X	X	TSK
CANADA BASIN	BB336	74	38.82	140	47.65	75	8	19	16	190	X	X	X	TSK
CANADA BASIN	BB337	74	39.90	141	1.59	75	8	20	5	190	X	X	X	TSK
CANADA BASIN	BB338	74	40.18	141	13.70	75	8	20	16	190	X	X	X	TSK
CANADA BASIN	BB339	74	40.43	141	23.45	75	8	21	5	195	X	X	X	TSK

CANADA BASIN	BB340	74	40.35	141	26.39	75	8	21	16	188	X	X	X	TSK
CANADA BASIN	BB341	74	38.77	141	25.65	75	8	22	5	189	X	X	X	TSK
CANADA BASIN	BB342	74	37.47	141	22.59	75	8	22	16	188	X	X	X	TSK
CANADA BASIN	BB343	74	35.11	141	16.75	75	8	23	5	187	X	X	X	TSK
CANADA BASIN	BB344	74	32.82	141	13.27	75	8	23	16	187	X	X	X	TSK
CANADA BASIN	BB345	74	31.63	141	11.58	75	8	24	5	188	X	X	X	TSK
CANADA BASIN	BB346	74	31.34	141	9.14	75	8	24	17	188	X	X	X	TSK
CANADA BASIN	BB347	74	30.70	140	49.28	75	8	25	16	200	X	X	X	TSK
CANADA BASIN	BB348	74	30.71	140	48.80	75	8	25	17	200	X	X	X	TSK
CANADA BASIN	BB349	74	33.44	140	43.34	75	8	26	17	188	X	X	X	TSK
CANADA BASIN	BB350	74	25.20	140	3.64	75	8	28	6	180	X	X	X	TSK
CANADA BASIN	BB351	74	21.59	139	50.35	75	8	28	16	189	X	X	X	TSK
CANADA BASIN	BB352	74	22.86	139	42.25	75	8	29	5	169	X	X	X	TSK
CANADA BASIN	BB353	74	18.91	139	34.91	75	8	29	19	190	X	X	X	TSK
CANADA BASIN	BB354	74	15.82	139	29.37	75	8	30	5	183	X	X	X	TSK
CANADA BASIN	BB355	74	13.43	139	27.05	75	8	30	17	157	X	X	X	TSK
CANADA BASIN	BB356	74	11.72	139	26.30	75	8	31	5	170	X	X	X	TSK
CANADA BASIN	BB357	74	10.17	139	25.27	75	8	31	17	138	X	X	X	TSK
CANADA BASIN	BB358	74	9.73	139	26.54	75	8	31	19	180	X	X	X	TSK
CANADA BASIN	BB359	74	9.64	139	25.95	75	8	31	22	182	X	X	X	TSK
CANADA BASIN	BB360	74	9.23	139	21.94	75	9	1	1	128	X	X	X	TSK
CANADA BASIN	BB361	74	8.18	139	18.37	75	9	1	4	131	X	X	X	TSK
CANADA BASIN	BB362	74	7.15	139	17.09	75	9	1	7	200	X	X	X	TSK
CANADA BASIN	BB363	74	6.51	139	15.85	75	9	1	10	169	X	X	X	TSK
CANADA BASIN	BB364	74	5.79	139	12.88	75	9	1	13	148	X	X	X	TSK
CANADA BASIN	BB365	74	4.66	139	9.13	75	9	1	17	166	X	X	X	TSK
CANADA BASIN	BB366	74	3.81	139	7.81	75	9	1	19	183	X	X	X	TSK
CANADA BASIN	BB367	74	3.08	139	7.34	75	9	1	22	189	X	X	X	TSK
CANADA BASIN	BB368	74	2.11	139	5.78	75	9	2	4	187	X	X	X	TSK
CANADA BASIN	BB369	74	1.59	139	6.21	75	9	2	7	189	X	X	X	TSK
CANADA BASIN	BB370	74	1.08	139	8.00	75	9	2	13	189	X	X	X	TSK
CANADA BASIN	BB371	74	0.86	139	7.91	75	9	2	16	189	X	X	X	TSK
CANADA BASIN	BB372	74	0.37	139	9.07	75	9	2	22	189	X	X	X	TSK
CANADA BASIN	BB373	74	0.56	139	10.46	75	9	3	17	190	X	X	X	TSK
CANADA BASIN	BB374	74	1.35	139	4.85	75	9	4	17	189	X	X	X	TSK
CANADA BASIN	BB375	74	2.23	139	5.65	75	9	5	5	189	X	X	X	TSK
CANADA BASIN	BB376	73	59.66	139	4.08	75	9	5	16	190	X	X	X	TSK
CANADA BASIN	BB377	73	58.77	139	8.55	75	9	6	5	200	X	X	X	TSK
CANADA BASIN	BB378	73	58.51	139	15.27	75	9	6	17	200	X	X	X	TSK
CANADA BASIN	BB379	73	57.82	139	20.98	75	9	7	5	200	X	X	X	TSK
CANADA BASIN	BB380	73	57.33	139	22.48	75	9	7	17	200	X	X	X	TSK
CANADA BASIN	BB381	73	56.34	139	18.03	75	9	8	5	187	X	X	X	TSK
CANADA BASIN	BB382	73	55.47	139	7.10	75	9	8	17	184	X	X	X	TSK
CANADA BASIN	BB383	73	55.01	138	23.02	75	9	10	5	186	X	X	X	TSK
CANADA BASIN	BB384	73	53.64	138	13.15	75	9	10	17	188	X	X	X	TSK
CANADA BASIN	BB385	73	53.44	138	4.04	75	9	11	5	188	X	X	X	TSK
CANADA BASIN	BB386	73	54.23	137	52.56	75	9	11	18	188	X	X	X	TSK
CANADA BASIN	BB387	73	53.53	137	43.58	75	9	12	5	200	X	X	X	TSK
CANADA BASIN	BB388	73	54.17	137	33.38	75	9	12	16	189	X	X	X	TSK
CANADA BASIN	BB389	73	54.96	137	17.94	75	9	13	5	188	X	X	X	TSK
CANADA BASIN	BB390	73	53.52	137	14.26	75	9	13	17	188	X	X	X	TSK
CANADA BASIN	BB391	73	53.00	137	9.47	75	9	14	5	188	X	X	X	TSK
CANADA BASIN	BB392	73	51.84	137	0.68	75	9	14	17	187	X	X	X	TSK
CANADA BASIN	BB393	73	51.00	137	6.10	75	9	15	5	187	X	X	X	TSK
CANADA BASIN	BB394	73	51.63	137	11.42	75	9	15	17	189	X	X	X	TSK
CANADA BASIN	BB395	73	52.65	137	17.09	75	9	16	5	188	X	X	X	TSK
CANADA BASIN	BB396	73	53.25	137	20.60	75	9	16	17	188	X	X	X	TSK
CANADA BASIN	BB397	73	54.03	137	23.99	75	9	17	5	200	X	X	X	TSK
CANADA BASIN	BB398	73	55.69	137	24.68	75	9	17	18	187	X	X	X	TSK
CANADA BASIN	BB399	73	58.69	137	19.71	75	9	18	5	184	X	X	X	TSK
CANADA BASIN	BB400	73	58.17	137	18.04	75	9	18	17	188	X	X	X	TSK
CANADA BASIN	BB401	73	56.12	137	25.04	75	9	19	5	188	X	X	X	TSK
CANADA BASIN	BB402	73	54.92	137	30.58	75	9	19	12	189	X	X	X	TSK
CANADA BASIN	BB403	73	53.82	137	41.72	75	9	20	5	188	X	X	X	TSK
CANADA BASIN	BB404	73	51.84	137	38.93	75	9	20	17	185	X	X	X	TSK
CANADA BASIN	BB405	73	52.51	137	29.35	75	9	21	5	172	X	X	X	TSK
CANADA BASIN	BB406	73	51.82	137	7.12	75	9	21	18	173	X	X	X	TSK
CANADA BASIN	BB407	73	49.35	136	52.75	75	9	22	5	200	X	X	X	TSK
CANADA BASIN	BB408	73	48.33	136	47.72	75	9	22	18	190	X	X	X	TSK
CANADA BASIN	BB409	73	47.50	136	53.43	75	9	23	4	166	X	X	X	TSK
CANADA BASIN	BB410	73	45.99	137	3.62	75	9	23	17	186	X	X	X	TSK
CANADA BASIN	BB411	73	43.99	137	0.89	75	9	24	5	195	X	X	X	TSK
CANADA BASIN	BB412	73	41.38	136	47.42	75	9	24	18	186	X	X	X	TSK
CANADA BASIN	BB413	73	38.40	136	35.53	75	9	25	5	194	X	X	X	TSK
CANADA BASIN	BB414	73	35.57	136	36.96	75	9	25	18	186	X	X	X	TSK
CANADA BASIN	BB415	73	33.09	136	38.49	75	9	26	5	192	X	X	X	TSK
CANADA BASIN	BB416	73	31.46	136	36.01	75	9	26	19	193	X	X	X	TSK
CANADA BASIN	BB417	73	29.84	136	28.79	75	9	27	18	192	X	X	X	TSK
CANADA BASIN	BB418	73	30.94	136	31.74	75	9	28	4	200	X	X	X	TSK
CANADA BASIN	BB419	73	28.83	136	24.02	75	9	28	17	200	X	X	X	TSK
CANADA BASIN	BB420	73	28.48	136	24.41	75	9	29	4	200	X	X	X	TSK
CANADA BASIN	BB421	73	28.44	136	24.52	75	9	29	17	200	X	X	X	TSK
CANADA BASIN	BB422	73	29.01	136	25.16	75	9	30	5	200	X	X	X	TSK

CANADA BASIN	BB423	73	30.38	136	34.61	75	9	30	17	200	X	X	X	TSK
CANADA BASIN	BB424	73	30.51	136	36.11	75	9	30	18	194	X	X	X	TSK
CANADA BASIN	BB425	73	31.31	136	44.55	75	10	1	5	188	X	X	X	TSK

12. INACCESSIBLE DATA SETS

12.1 OCEANOGRAPHIC DATA COLLETED USING SUBMARINES

As early as 1931, when the Nautilus attempted to enter the Arctic Ocean, submarines have been used to make oceanographic observations in Arctic waters. In the 1940's, new sonar techniques allowed submarines to operate safely under the polar ice. LaFond (1960) and Lyon (1961, 1963, 1984) summarized the early U.S. Navy operations in the Arctic Ocean. At least two submarines (USS Skate 1958/59/62; USS Seadragon 1960/62) are known to have passed through the area of this data inventory and no doubt there were many more. Birch et al. (1984) identified at least five data sets in the Canada Basin region, obtained using submarines. Unfortunately most of the oceanographic data collected using these vessels is confidential.

This section has been included mainly to alert the reader to the existence of these data, even though they are not available at present.

12.2 SOVIET OCEANOGRAPHIC STUDIES

Soviet oceanographic data collection within the Arctic Ocean falls into two main categories. First are the drifting ice islands which were first used in 1937. Since 1954 operations have been continuous in that at least one ice island has been occupied at all times. The only Soviet ice island known to have entered the bounds of this inventory was NP-22 in 1978. Although it is unclear whether or not oceanographic data were collected at this time, the trajectory is shown on the 1978 map. Data were collected from this ice island, just north of this inventory's boundaries (data set 73-0034, refer to Birch et al. 1984).

The second major method of Soviet arctic data collection is through the use of aircraft. In 1948, the Soviet-All-Union Arctic Institute (VAI) began using aircraft to land on the ice and to make observations. These expeditions, lasting about six weeks each spring, and often for a shorter period during the fall, are termed the Sever (North)-series. Timofeyev (1960) lists many of the early Sever-series station locations. Only one (spring 1956, 56-0012) falls within this inventory's boundaries, however there may be other more recent stations.

12.3 OIL COMPANY DATA

Oceanographic data collected by some of the oil companies has been difficult to obtain. They are often reluctant to release information until after the confidentiality period has expired. Mr. Spedding at ESSO has been very helpful in supplying information, and Canmar delivers a yearly archival tape containing their data. The Gulf data were more difficult to obtain. Some information was gleaned from reports submitted to COGLA, however in general it was not possible to properly rate or inventory these data. Mr. B.D. Wright at Gulf Canada, Calgary, may be able to provide more information.

Appendix 1

Comments on methods and data quality, by data set.

DATA SET 14-0001 Canadian Arctic Expedition

The Canadian Arctic Expedition (Stefansson 1921) was equipped to measure currents and water level. The December 1914 to January 1915 water-level data are presented by Dawson (1920), data set 14-0002, but no details on current or other data during the April to August 1914 period have been found.

DATA SET 14-0002 Canadian Arctic Expedition

Water levels were monitored using a tide scale at Cape Kellett. From December 26 to January 14 and again from January 17 to 21 and 27 to 30, readings were taken every four hours. During January 15 to 16 and January 22 to 26 readings were every 15 minutes. The location was "in bay on south side of the cape, 8 h. 19 m West" (Dawson, 1920). For this inventory, a location of 71°58'N, 125°W has been used.

Water-level data were similarly obtained 20 miles to the north of Cape Kellett, every 15 minutes during January 22 to 26.

DATA SET 16-0002 Canadian Arctic Expedition

There was mention of current and hydrographic data being collected during this year of the Canadian Arctic Expedition (Dawson, 1920), however no details have been found.

DATA SET 33-0004 Canadian Hydrographic Service

These are the first recorded water-level data from Tuktoyaktuk. No details were available, however Mr. Fred Stephenson of Tides and Currents, Institute of Ocean Sciences may have more information regarding these data.

DATA SET 35-0001 St. Roche

T/S data, as well as collections of biological material, were collected by personnel aboard the R.C.M.P. vessel St. Roche while on patrol duty (Tully, 1952). Instruments were supplied by the Pacific Biological Station at Nanaimo. The data and samples were deposited with the Pacific Biological Station in 1938.

DATA SET 37-0001 St. Roche

See 35-0001.

DATA SET 40-0010 St. Roche

Apparently Larsen of the RCMP, using the vessel St. Roche, made measurements of currents and water level during the summer of 1940. The reference (Larsen, 1945) had not yet been obtained to verify this.

DATA SET 50-0001 Burton Island

Details of the measurement methods and accuracies were not given in the report. The entries in Table 1 were made assuming standard practice for the time. 146 bathythermographs and 37 hours of Ekman current observations (not included in the report) were also taken.

DATA SET 51-0002 **Cancolim II**

Estimates of precision and accuracy were not given in the report; entries in Table 1 were made assuming standard practice for the time.

DATA SET 51-0004 **Canadian Hydrographic Service**

Water-level data were obtained during the summers of 1951 (51-0004), 1952 (52-0004) and 1954 (54-0001) at Paulatuk on Darnley Bay, Amundsen Gulf. For further details, contact Mr. Fred Stephenson of Tides and Currents, Institute of Ocean Sciences.

DATA SET 52-0001 **Cancolim II**

Salinity, temperature and oxygen measurements are reported as having been taken using standard oceanographic practice at the time: temperatures were measured using reversing thermometers and bathythermographs, while salinity and oxygen samples were drawn from bottles and titrated on board. Problems encountered with the thiosulphate standard rendered the oxygen data suspect; the requirements of a rapid survey reduced the accuracy of the salinity titrations. The reduced accuracies were responsible for the '1' rating. Numerical estimates of precision and accuracy were not given; probable values are listed in Table 1.

DATA SET 52-0004 **Canadian Hydrographic Service**

The exact dates for stations 6485 and 6525 are unclear. Contact Mr. Fred Stephenson of Tides and Currents, Institute of Ocean Sciences for further details.

DATA SET 53-0004 **Canadian Hydrographic Service**

The record is only 3 days long, and no information as to the exact location or measurement method is given. Therefore it has not been plotted in Section 9 or listed in Section 10.

DATA SET 54-0001 **Labrador**

See 51-0004.

DATA SET 55-0016 **Burton Island**

The data are on file with MEDS and the National Oceanographic Data Centre (NODC), however no documentation regarding methods or data quality has been found.

DATA SET 56-0004 **Canadian Hydrographic Service**

Water-level data were collected at Tuktoyaktuk from June 1956 to September 1957. Further details regarding these data may be obtained from Mr. Fred Stephenson of Tides and Currents, Institute of Ocean Sciences.

DATA SET 56-0012 **Soviet Aircraft Landings**

This station was part of the spring '56 Soviet Sever (North)-Series, a yearly spring and (often) fall operation. No details are available. There may have been more stations not listed in Timofeyev (1960).

DATA SET 59-0004 **Canadian Hydrographic Service**

These water-level data for Tuktoyaktuk span the September 1959 to December 1960 period. For further details, contact Mr. Fred Stephenson of Tides and Currents, Institute of Ocean Sciences. Immediately following these data, a permanent water-level installation was established (61-0002) by which the water level is continuously monitored.

DATA SET 59-0014 U.S. Aircraft Landings

Winter temperature/salinity data were required for use in sea-level studies. Between February and May 1958, 22 stations were occupied off Point Barrow (not within this study area). The pattern was expanded during the winter of 1959 (59-0014) and an additional 22 stations were occupied. Apparently only one was within these study boundaries.

Landings on the ice were made using light planes. Nansen bottles and reversing thermometers were used to collect data. Beal (1968a) does not discuss the data or results. Station locations were estimated to the nearest 1 minute latitude and 5 minutes longitude from Figure 7 of Beal (1968a). It was arbitrarily assumed that the winter stations were occupied in March. The actual number of stations may be more than shown here; Beal indicated 22 stations in 1959.

DATA SET 62-0001 Salvelinus

Estimates of precision and accuracy shown in Table 1 were assumed from the description of methods in the report.

DATA SET 62-0003 NRC

The data taken with the portable salinometer were of low precision. A high number of errors were detected in a computer scan (Cornford et al, 1982) and led to the assignment of a 1 rating.

DATA SET 63-0002 NRC

The data taken with the portable salinometers were of low precision (as for set 62-0003). However a low number of errors were found in a computer scan, which allowed the assignment of a 3 rating.

DATA SET 63-0003 Richardson

Mr. Fred Stephenson of Tides and Currents, Institute of Ocean Sciences, should be contacted if further details regarding these water-level data are required. The water-level locations are within the Mackenzie Delta, too far south to show up on any of the plotting maps.

DATA SET 64-0003 Canadian Hydrographic Service

Some doubts as to the quality of this particular record have been expressed by Canadian Hydrographic Service personnel. It was among those rejected for analysis by Henry and Foreman (1977).

DATA SET 66-0011 Inuvik Res. Lab.

Beluga whales, while trapped in the Eskimo Lake, were monitored over the winter of 1966-67. Water temperatures and chloride content were measured using unspecified methods (Hill, 1967). By taste, the surface waters appeared to be fresh.

DATA SET 69-0017 Arctic Biological Station

Apparently temperature data were collected, however a copy of the reference (Sergeant and Hoek, 1974) could not be obtained in time to include the data in this inventory.

DATA SET 70-0001 AIDJEX Pilot Project

The AIDJEX program involved three pilot studies (1970, 1971 and 1972), a lead experiment off Point Barrow in 1974, and the main experiment of 1975-76.

The 1970 pilot study was in cooperation with the Polar Continental Shelf Project and covered the period March 12 - April 5. Its main camp was within a Canadian hydrographic survey camp (Camp 200) located approximately 240 miles north of Tuktoyaktuk. The camp location was initially 72.5°N, 135°W and ended at 72°N, 144°W.

Temperature and salinity data were collected using Nansen bottles and reversing thermometers. Synoptic hydrographic casts were planned to 500 m at three stations spaced in a triangle with sides of approximately 10, 20 and 30 km. One 3-station and nine 2-station synoptic casts were obtained.

Erratic salinity values of uncertain origin were found during analysis of these data (Coachman and Newton, 1972). The most likely cause was thought to be poor temperature control of the samples in the tents on the ice. Salinity values suspected of being erroneous have been deleted from the DATA SET by its originators.

Hydrographic Stations

	C-200	Leo	Aquarius
March 24	1330	1430	1330
	1630		
March 26	1030	1030	
	1330		
	1630	1630	
March 27	1030	1030	
	1330	1330	
	1630	1630	
March 29	1030	1030	
	1330	1330	
	1630	1630	
March 30	1030	1030	
	1335		

Braincon meters (models 316 Histogram, 381 Histogram and 573 digital) were suspended beneath the ice at depths of 10, 40, 150 and 500m. The 381 meters experienced clock-drive mechanism failures in water colder than 0°C and the digital meters failed to record direction.

Measurements of boundary-layer currents were obtained using downward-facing masts mounted with three mechanical current meters, developed by J.D. Smith. Masts were deployed at 5 locations down to 17.7 m beneath the ice. The current meter dates and locations we have used are March 12 and the start/stop locations of the ice floe. Dr. H. Melling of IOS has expressed doubts concerning the quality of the data, thus the "1" rating.

DATA SET 70-0003 **Richardson**

These data are believed to be of low precision, but have not been fully investigated as to data quality.

DATA SET 70-0004 **Canadian Hydrographic Service**

There are some inconsistencies in the reported coordinates (Henry and Foreman 1977).

DATA SET 70-0005 **OSI for Imperial Oil Ltd.**

Geodyne Model 102 current meters were moored under the ice for periods of approximately two months. The Geodyne 102 is a rotor and vane type meter. Data were recorded internally on photographic film every 15 minutes. Threshold speed was given as 0.05 knots or 2.5 cm/sec.

Direction of flow was determined using an internal magnetic compass. Direction response tended to be sluggish due to the weak horizontal component of the magnetic field at these latitudes. Many of the speeds were less than the instrument threshold. No actual estimates of the accuracy were provided in the OSI (1970) report. Station coordinates were not provided either. For the purposes of this inventory, they were estimated (to ±2 minutes) from a figure in the OSI (1970) report. Actual deployment dates were not stated either, except that they were "installed during the period February 23 to April 7 1970, and recovered during the period April 30 to June 1 1970."

DATA SET 70-0071 **MEDS**

When the oil companies began exploring for hydrocarbons in the Beaufort Sea, the government (MEDS) supplied Waverider buoys for deployment near the drilling vessels. The data were then forwarded to MEDS in Ottawa for analysis. The oil company responsible for the 1970 data was probably either ESSO or Gulf; the data and analysis results are on file at MDS (98-1M). The MEDS summary indicates at 0-50% success rate and a spectral analysis.

The location, as in file 98-1M, of 69°N 139°W, plots on land. Apparently the coordinates have been rounded off to the nearest degree. That same year, OSI deployed some current meters for ESSO (70-0005) near Herschel Island at 69°30'N and 138°40'W. Based on this, we have plotted the 1970 wave data at 69°30'N and 138°40'W.

DATA SET 71-0002 **Canadian Hydrographic Service**

For further information about these water-level data contact Mr. Fred Stephenson, Tides & Currents at Institute of Ocean Sciences.

DATA SET 71-0003 **2nd AIDJEX Pilot Study**

The second AIDJEX pilot study was conducted from Camp 200 operated by the Polar Continental Shelf Project. The interior flow field was studied by personnel from the University of Washington (L.K. Coachman, J.D. Smith and J.L. Newton), and K. Hunkins from Lamont investigated the boundary-layer currents near the water-ice interface.

The University of Washington measurements covered the period from March 16 to April 2, 1971 and consisted of hydrographic casts, current meter measurements, ice-motion measurements and weather observations.

Nasen casts were made at the main and two secondary camps 4 times per day. Reversing thermometers were used and water samples were sent to Seattle for salinity determination. Five current-meter records were obtained between 10 and 400 m depths using Braincon 316 and Aanderaa RCM 4 current meters. The meters were suspended beneath the ice.

The Lamont program involved Savonius-rotor current meters mounted on inverted masts at fixed depths. The fixed meters were at 5, 7, 11 and 19 m on one mast and at 32 and 75 m on the other. Directional reference was through surface orientation. Current profiles were also made by lowering a meter by hand. Temperature profiles were made using a thermistor. Camp location was 74°05'N, 131°23'W on March 18; 73°44'N, 131°08'W on April 7.

DATA SET 71-0018A,B Freshwater Institute

The appropriate reference report (Brunskill et al, 1973) could not be obtained in sufficient time for these data to be inventoried. The senior author of that report, Dr. G.J. Brunskill, is with DFO-Winnipeg, phone (204)949-5000.

DATA SET 72-0003 Slaney

This was a pollution testing program, part of a larger environmental survey of the Mackenzie Delta area (see also 72-0006 and 72-0007). Nineteen different sites were sampled during March through September, however water samples were obtained at four sites only; 4, 7, 8 and 9. Conductives were measured using a Conductivity Bridge Model RC 16B2. However, the tabulated data (Appendix 6.2-2 of Slaney 1973a) contain no temperature data, so the salinity cannot be computed. This is the reason for the '0' rating. The station locations were estimated from a figure in the report.

DATA SET 72-0006 Slaney

This was part of an environmental field program in the Taglu-Richards Island, Mackenzie Delta area, by F.F. Slaney for Imperial Oil Ltd. (See also 72-0003 and 72-0007). Temperature-salinity data were collected along Harry and East channels of the Mackenzie River Delta, using a Sproule Electrolytic conductivity cell (Model EBB/10) and an A.R.A. remote thermistor.

DATA SET 72-0007 Slaney

This study was designed to assess the impact of artificial island construction upon east Mackenzie Bay. The survey period extended from early June to mid-September 1972, and is reported in Slaney (1973a).

Currents

Twenty-nine current measurements were taken at 18 stations between August 15 - 19. An SK70 Helix meter, made by Hilger and Watts of London, was used to obtain current data near surface and bottom. Direction could only be estimated for surface values, by judging the vane orientation. These data are not plotted.

Temperature-Salinity

Temperature-salinity data were obtained on-site using a TDC meter (Martek Instruments Inc., Newport Beach, California). Nearshore estuarine data were collected by a separate crew using an A.R.A. thermistor and a Sproule Electrolytic Conductivity Cell (Model EBB/10).

No estimates are given for data quality (Slaney, 1973a). The rating of '3' indicates the data are probably up to the standards considered normal using these types of instruments.

Data from the nearshore estuarine data (Stations 1-12, August 13-20) are reported in Appendix 3 of Slaney (1973a), without locations, however, and have not been plotted in this inventory.

DATA SET 72-0012 Freshwater Institute

See 71-0018A,B.

DATA SET 72-0118

Mann (1974) presents temperature-salinity data from shallow, Yukon coastal stations, collected during a fisheries survey. No details on methods or accuracy are provided. Similar data were also collected in 1973 (73-0023).

DATA SET 73-0001 Slaney

Temperatures were measured using a remote thermistor, while conductivities were obtained using a Sproule Electrolytic Conductivity cell (model EBB/10). Current speeds were determined using a SK70 Helix meter while the current directions were estimated using a Chesapeake Bay Institute drag. No estimates of accuracy were provided (Slaney, 1974a).

DATA SET 73-0004 Canadian Hydrographic Service

At one site north of Pullen Island, a water-level gauge was deployed by Jim Galloway of UBC. The data are on file at Tides and Currents, IOS. The station 13, offshore site, is part of the Beaufort Sea Project mooring program; see also 74-0005 and 75-0007.

DATA SET 73-0016 Slaney

This was a pre-dredging survey of three potential gravel borrow areas in Tuktoyaktuk Harbour. Surface temperature-salinity data were obtained using unspecified (Slaney 1973c) methods. A nominal location (69°25'N, 133°W) has been used for this inventory.

DATA SET 73-0019 Slaney

Conductivity values are reported without accompanying temperatures (Slaney, 1974c). Since conductivity is temperature dependent, a '0' rating has been assigned and these stations have not been plotted.

Channel flow measurements were also made and a water level gauge was maintained near the TAGLU G-33 site (estimated location 69°22'N, 134°54'W).

DATA SET 73-0023 Aquatic Environments Ltd.

Temperature-salinity data were collected along the Yukon coast as part of a fisheries survey connected to an overall environmental impact assessment program. The summer 1973 survey extended from late June until late September, with sampling every 2 to 3 weeks. The data are presented in Figure 4 and Appendix 5 of Mann (1974). No details regarding methods or accuracies were provided. The BS station is 1/4 mile north of the Stokes Point Lagoon.

Similar data were obtained in Clarence Lagoon in 1972 (72-0118).

DATA SET 73-0034 Soviet Ice Station NP-22

This ice island was first occupied in September 1973 and by 1976 had moved into the Beaufort Sea Gyre. MEDS has data (MEDS #90NP77022) covering the July 1977 to March 1978 period when the island was just north of 75° latitude (and not yet within the bounds of this data inventory). Although no data have been found within this study area, the ice island did pass through the very northwestern-most portion, and data may exist in the Soviet archives.

DATA SET 73-0125 Arctic Biological Station

Temperature-salinity data were collected using a YSI-33, while doing fisheries research in Kugmallit Bay. Station locations were extracted from Figure 1 of Galbraith and Fraser (1974).

DATA SET 73-0126 Dept. of Environment

The appropriate report (Jones and Kendel, 1973) was not obtained in time for these data to be included in this inventory.

DATA SET 74-0001 Slaney

Current-profile data were obtained using a Savonius rotor HydroProducts meter. These instruments have a magnetic compass for direction determination. A YSI SCT model 33 was used to collect temperature-salinity data. No estimates of accuracy were provided (Slaney 1974a).

DATA SET 74-0002 Institute of Ocean Sciences

The current-profile locations have not been plotted but are in the area defined by the temperature-salinity stations.

DATA SET 74-0003 Slaney

The temperature-salinity data were obtained using a YSI SCT meter, accurate to ± 0.5°C and ± 0.7 ^{o}/oo. Spot current measurements were also made of surface and bottom current, using a HydroProducts model 465A. Surface readings were visually averaged over a one-minute period.

Some water-level readings were obtained at the Langley Base camp using a staff, however no details are provided in Slaney (1975).

DATA SET 74-0005 Institute of Ocean Sciences

The directional distributions of the bottom currents are exceptionally narrow; some doubts have been expressed as to their validity.

DATA SET 74-0007B Arctic Biological Station

Station 20, the latitude and longitude for which were taken from Hunter and Leach (1983), plots on land.

DATA SET 74-0009 Slaney

This is a follow-up of the 1972 (72-0003) and 1973 (73-0019) surveys. The data are primarily temperature measurements (thermistor) of water samples collected within the delta. Current speeds were also measured within some of the channels. No station coordinates were provided (Slaney, 1974d) so these stations have not been plotted in this inventory.

DATA SET 74-0019 Slaney

No exact dates for station occupations were given in the report. The latitude/longitude of the drill sites have been used as nominal profiling current meter locations. No calibration or precision information was provided.

DATA SET 74-0020 Freshwater Institute

No exact station locations were given, nor were water depths or some sampling depths. Some salinities reports only as >1. Some conductivities were reported without temperatures, resulting in the '1' rating.

DATA SET 74-0021 Dept. of Environment

No exact dates for station occupations were given in the report. No calibration or precision information was given for the instrument used. The precision in Table 1 has been assumed from manufacturer's specifications.

DATA SET 74-0022 Aquatic Environments Ltd.

The data appear to be from near-surface samples. No estimates of accuracy are provided.

DATA SET 74-0027A Dickins, Arctic Laboratories, NORCOR

This was a study of the interaction of crude oil with Arctic sea ice, as part of the Beaufort Sea Project. Mr. D.F. Dickins was resident engineer. In August 1974 a camp was established at Balaena Bay and oil was injected under the ice during several tests between October 1974 and May 1975.

Water temperature and salinity were monitored between August 1974 and July 1975 using Van Dorn water samplers. Salinities were determined using an American Optical Refractometer and a Yellow Springs Instrument Co. model 33 meter (accuracy about ± 1.0^{o}/oo). Temperatures were monitored using Yellow Springs Instruments thermistors (± .05°C).

Exact dates and locations of measurements were not supplied in Norcor (1975), therefore nominal monthly stations at 70°02'N, 124°54'W have been used in this inventory.

DATA SET 74-0027B CCIW/Beaufort Sea Project

Beaufort Sea Project G2b was conducted from the field camp established by Norcor (74-0027A). The study addressed the problem of light intensity under sea ice containing oil (Adams, 1974). A Hydrolab multiparameter unit used a thermistor to measure temperature and a four electrode conductivity sensor. It appears that vertical profiles, and possibly near-bottom time-series, of temperature-salinity were obtained, although this is not clear from the report. For the purposes of this report a normal location (70°02'N, 124°54'W) and date (September 10) have been plotted and listed.

DATA SET 74-0126 MEDS

This relatively short Waverider record was analysed at MEDS. Spectral analyses were performed and the summary indicates a 50-80% success rate.

DATA SET 75-0001 Institute of Ocean Sciences

The authors of the data report state that temperatures measured by the Hydrolabs were frequently below the freezing point of seawater and that results from that instrument should be regarded as qualitative rather than quantitative. The comments above do not apply to the remainder of this data set. The current profile location has not been plotted or listed in this inventory.

DATA SET 75-0004 Slaney

The current data are from profiles using a surface-readout HydroProducts 465A, between July 10 and August 20, 1975.

DATA SET 75-0005 AIDJEX Main Experiment

A. CTD Data/Bauer et al, (1980a, b, c, and d)

At four ice camps, 1391 CTD casts were made during the main AIDJEX experiment from April 1975 to April 1976. Casts were made at least once a day from 0 to 750 m at all camps and weekly casts to 3000 m were made at the main camp. Severe ice activity caused abandonment of the main camp (Big Bear) during October 1975. Between casts, time series were recorded at fixed depths in the pycnocline; these data are still being processed (Manley, personal communication).

Plessy 9040 STD's were used, except at the Caribou camp, where the STD sensor was replaced by a CTD 9040 sensor in January 1976. The data were corrected for the different response times of the temperature and conductivity sensors, by varying a lag correction until one value gave nearly congruent traces for descending and ascending casts.

A salinity drift occurred when the STD was stopped for bottle samples. This was corrected in an unspecified manner. Static calibration was provided using bottle samples and reversing thermometers. At the satellite camps, generally 2 bottles were taken with each cast. At the main camp, a rosette sampler allowed up to 10 bottles per station; the average being 4. Salinities were determined at the main camp using a Guildline Autosal salinometer, except over the summer of 1975 when a backup Hytech salinometer was used. Differences between bottle data and CTD were typically ±0.001 to ±0.047^{o}/oo of and ±0.024 to ±0.044°C.

The data were simultaneously recorded on analog chart recorders. In 67% of the profiles, the digital data logger failed to function properly and the analog traces were manually digitized to provide temperature and conductivity data. Accuracy using this method was typically ±0.025 to ±0.050^{o}/oo and ±0.037 to ±0.059°C. All station headers are listed in Section 11.5.

B. Current Profiles/Manley et al. (1980)

Profiles of relative current speed and direction were recorded about twice daily between surface and 200 m at each of the 4 camps. In total, 2084 current profiles were made and 1174 were useable. Current time series were also recorded: 9 at camp Caribou, 2 at Blue Fox, 17 at Snowbird and 28 at camp Big Bear. The instrument used was a Tsurumi-Seiki Co. Ltd. (TSK) unit with a Savonius rotor, directional vane and pressure sensor. Direction was referenced to an internal magnetic compass; internal friction on the directional system was minimized. This was considered important because of the weak horizontal component of the earth's magnetic field. Analog charts were manually digitized to provide as much detail as possible. Absolute velocities were determined by vector addition of the ice velocity based on the precise satellite navigation.

The Savonius rotors were sluggish, probably due to bearing drag. In order to calibrate them, they were compared with the more accurate readings of the 30 m fixed-mast velocity sensors. All the current profile station headers are listed in Section 11.6.

C. Fixed Current Meters

Fixed-mast current meters were suspended beneath the ice at each camp at depths of 2 and 30 m below the base of the ice. The instruments were HydroProducts with Savonius rotors. The direction sensors were referenced to the instrument case, which was referenced to the camp azimuth and therefore, true north. The data was recorded at 30-second intervals on the data logger as well as on a multipoint recorder. No data reports are yet available for this data, but hourly-averaged values can be obtained from NODC.

DATA SET 75-0007 Institute of Ocean Sciences

The directional distributions of the bottom currents are exceptionally narrow; some doubts have been expressed as to their validity.

DATA SET 75-0011 Slaney for Imperial Oil Ltd.

Imperial Oil Ltd., while planning for a gas plant at Taglu D-43, Richards Island-MacKenzie Delta, commissioned F.F. Slaney and Co. Ltd. to do a hydrologic survey. Results of the study are reported in Slaney (1976b) and include temperature/salinity, current, water-level, bathymetric, ice and water chemistry data. Sampling covered four periods: late winter, break-up, summer and freeze-up. Where possible, station locations matched those of a 1972-73 survey (72-0007 and 73-0019).

The stilling well, containing the Stevens Type F Model 68 water-level recorder, was approximately three quarters mile east-northeast of the D-43 well site, at the junction of Harry and Seal channels (estimated position of 69°22.2'N, 134°54.8'W).

Channel flow measurements were taken during winter (April), open water and freeze-up, mainly in Harry and Kuluarpak channels (often same locations as in 1973). Measurements at several depths and several cross-channel locations, allowed accurate estimates to be made of the flow rates.

Water temperatures were measured using a hand-held Lambrecht thermometer, and T/S using a YSI SCT meter, generally at 0.2 m depth.

DATA SET 75-0024 Freshwater Institute

No exact station locations were provided nor were water depths or some sampling depths. Some salinities were reported only as >1 and some conductivities without temperatures.

DATA SET 75-0025 Dept. of Environment

No calibration or precision information was given for the instrument used. The precision in Table 1 has been assumed from manufacturer's specifications. A rating of 2 has therefore been given to this data set.

DATA SET 75-0026 NORCOR

Measurements were made at control sites and at sites artificially contaminated by crude oil. Only the control stations have been included here.

DATA SET 75-0028 Inland Waters Division

Measurements were made at control sites and at sites artificially contaminated by crude oil. Only the control stations have been included here.

DATA SET 75-0042 Aquatic Environments Ltd.

Fisheries investigations were conducted along the proposed Arctic Gas Cross Delta pipeline route in the Mackenzie Delta (DeGraaf & Machniak, 1977). Physical and chemical parameters were also measured, and benthos examined.

Water levels were monitored once daily at Camps I and II using staffs. Also measured daily at the camps were water temperature (maximum-minimum thermometer), O_2 and transparency. Conductivity was measured at 3 to 7 day intervals using a Beckman RB4-25° solubridge. Temperature and conductivity were also measured at various other locations within the Delta.

The Camp I and II locations were estimated from Figures 2 and 3 of DeGraff & Machniak (1977). The other T/S sampling locations have not been listed or plotted in this inventory, but are tabulated in the same reference.

DATA SET 75-0043 Beak Consultants Ltd.

T/S data were obtained near a Canmar barge in Tuktoyaktuk Harbour on July 20, 1975. The appropriate report (Beak, 1975) could not be obtained in time for these data to be included in the inventory.

DATA SET 75-0047 Arctic Biological Station

Apparently temperature data were collected by Mr. D.E. Sergeant of the Arctic Biological Station. It doesn't appear that a report was ever published.

DATA SET 75-0050 Slaney

As part of the white whale study for Imperial Oil Ltd., Slaney personnel made observations of temperature and water level. The report (Slaney, 1976) could not be obtained to verify these data. This survey appears to coincide with data set no. 75-0004, also by Slaney and the possibility exists that they are the same data sets.

DATA SET 75-0146 MEDS

The MEDS summary indicates a spectral analysis with 50-80% success.

DATA SET 76-0001 Canmar

When Canadian Marine Drilling Ltd. (Canmar) began drilling in the Beaufort Sea in 1976, federal environmental regulations specified that water column, current, and wave measurement be made. The raw data are contained in a series of unpublished technical reports (Canmar 1977a, 1977b, 1979, and 1980). The 1975-1980 temperature-salinity (T/S) data were re-processed by Lemon and Kowalski (1982), and the 1976-1979 current-meter data by Fissel (1981). Analyses of the Waverider data are on file at the Marine Environmental Data Services (MEDS) in Ottawa.

In 1976 T/S profiles were made at two sites:

1. Kopanoar M-13; 21 profiles taken between August 14 and October 9.
2. Tingmiark K-91; 35 profiles taken between August 8 and October 12.

A bathythermograph (Wallace and Tiernan) was used to obtain temperature profiles accurate to ±0.1°C. Water samples were analysed for salinity and turbidity but no information on methods or accuracies has been found.

Current measurements were obtained from drillships at both the Kopanoar and Tingmiark sites. The near-surface and mid-depth meters (3, 8 m depth) were oriented using fixed attachments to the ship, but may have been affected by wave motion and flow distortion by the ship.

The near-bottom current meters used magnetic compasses for direction and could be in error by ± 30 degrees or more (Fissel, 1981).

Waverider data were obtained from August 20 to October 4 near the Tingmiark site. The data are believed to be unreliable as the MEDS analysis summary indicates a 0% analysis success.

Hourly Sea State

As well as the T/S profile, moored current-meter, and Waverider data, hourly observations of wave period, significant wave height, wave direction, sea temperature, roll, pitch and heave were logged on the bridge of most drillships (The Explorer III had no roll and pitch sensors so these were not logged at the sites this vessel was drilling at). These data are not included in the listings of this inventory, but are in the series of Canmar Technical Reports titled "Environmental observations in the Beaufort Sea-1976-Sea State", and are also on file at Dome's Data Centre.

DATA SET 76-0002 Canadian Hydrographic Service

Some concern exists regarding the consistency of the reported coordinates (Henry and Foreman, 1977).

DATA SET 76-0003 Slaney for Imperial Oil Ltd.

A bio-physical study was conducted at the Arnak L-30 artificial island, as well as at the Tuft Point borrow (as in borrow the sand for our island) site (Slaney 1977c). F.F. Slaney and Co. Ltd. made measurements at Arnak L-30 using the M.V. Articus and J.S. Keen from July 28 to September 6, 1976. Data from Tuft Point were obtained during July 17-20 and September 1-3, 1976, using the M.V. Articus.

Temperature-salinity data were obtained using a Yellow Springs Instrument Co. meter and a Lambrecht standard mercury centigrade thermometer. Current profile data were also obtained using HydroProducts 951 and 952 meters. Nominal locations of 69°49'N and 133°45'W for Arnak, and 69°42'N and 132°35'W for Tuft Point, were used to plot the current profile stations.

DATA SET 76-0004 Slaney

No information regarding the current-profile data were available and they have not been inventoried.

DATA SET 76-0036 Slaney for Gulf Oil Canada Ltd.

This was part of a pre-development survey of the Hans Bay (Eskimo Lake) region by F.F. Slaney for Gulf Oil Canada. Gulf planned to develop natural gas reserves in this area. Most of the data are from lakes and streams near the southwest end of the Eskimo Lakes. Temperature-salinity data were collected in Hans Bay, Hans Creek, Zed creek and in and around Parsons Lake, using a Yellow Springs Instrument Company conductivity bridge supplemented by a hand-held mercury thermometer. Sub-surface water samples were obtained using a van Dorn bottle. Temperatures were stated to be accurate to ±0.1°C, however no accuracy value was given for conductivity.

Station locations are not specified but are plotted in Map 1.1 of Slaney (1977d), and the data are tabulated in Table 2.3 of Chambers and Bradley (1976). Since the Hans Bay data are of most interest to oceanographers, only these stations were inventoried using a nominal location of 68°52'N, 133°26'W.

DATA SET 76-0123 MEDS

MEDS analyses of these data include spectral analyses, with 50-80% success rate. These locations are within ESSO acreage and the data may have been collected by them.

DATA SET 77-0001 Slaney

Temperature-salinity profiles were obtained using a Hydrolab TC-2 meter. The TC-2 temperatures were calibrated against a Lambrecht mercury thermometer. Apparently no checks were made of the accuracy of the TC-2 salinities. Sampling was conducted from a float-equipped helicopter. If water conditions would not permit landing, then surface data only were collected while hovering.

DATA SET 77-0002 Aquatic Environments Ltd.

Water samples were collected from "below the surface" at 12 stations (Aquatic Environments Ltd., 1977). Later lab analyses included specific conductivity (Beckman RB4-250 Solubridge), salinity (chloride titration), and temperature (pocket thermometer). No estimates of precision or accuracy were given in the report.

DATA SET 77-0004 Canmar

1977 was Dome's second year of drilling in the Beaufort Sea. As in 1976 (76-0001) T/S profiles, current and wave data were collected.

Temperature-Salinity Data

T/S data were obtained at the following sites:

	Site	Vessel	Dates
1.	Kaglulik A-75	Explorer III	July 10-28
2.	Kopanoar M-13	Explorer II	July 26-Oct 1
3.	Natsek E-56	Explorer II	Oct 6-18
4.	Nektoralik K-59	Explorer III	July 30-Oct 16
5.	Nerlerk J-88	Explorer	Oct 11-18
6.	Tingmiark		Sept 20-24
7.	Ukalerk C-50	Explorer	July 21-Sep 29, Oct 22

At Kaglulik and Nektoralik a bathythermograph was used to measure temperatures, and bottles were used to obtain salinity samples. At the other sites a Hydrolabs TC-2 meter provided both temperature and salinity measurements. The accuracies of the data obtained are not known (Lemon & Kowalski, 1982).

Current Data

Moored current-meter data were obtained at four sites (Kopanoar, Nektoralik, Ukalerk, and Kaglulik). The near-surface data may be contaminated by wave motion and vessel induced flow, while near-bottom meters probably have relatively large uncertainties in direction (Fissel, 1981). Fissel also found that the mid-depth meter and Ukalerk may have been improperly aligned.

Wave Data

Waverider data were obtained at two sites, and are on file at MEDS (files 192, 193). The summary indicates a success rate of 80-100%.

Hourly Sea State

As well as the temperature-salinity profile, moored current-meter, and Waverider data, hourly observation of wave period, significant wave height, wave direction, sea temperature, roll, pitch, and heave were logged on the bridge of most drillships (The Explorer had no roll and pitch sensors to these were not logged at the sites this vessel was drilling at). These data are not included in the listings of this inventory, but are in the series of Canmar Technical Reports titled "Environmental observations in the Beaufort Sea-1977-Sea State", and are also on file at Dome's Data Centre.

DATA SET 77-0005 Canadian Hydrographic Service

See 76-0002.

DATA SET 77-0009A Envirocon Ltd. for Imperial Oil Ltd.

Stations locations were not specified (Envirocon, 1977) but have been estimated from Figure 3.1 in that report. The current data were obtained using a HydroProducts 960-S profiling current meter (Savonius rotor type).

DATA SET 77-0009B ESSO

Wave data collected at the Isserk shoal had only a 0-50% success, based on the MEDS analyses.

DATA SET 77-0010 Seakem

Water and sediment samples from Tingmiark and Ukalerk were obtained for trace metal and ion analysis. Conductivities were also measured using a bridge, but since no accompanying temperature data were provided (Thomas, 1977) it is not possible to convert these to salinity.

DATA SET 77-0020 DFO

During a fishery investigation in Mackenzie Bay, T/S data were also apparently collected. Details of such data were not available at the time of this inventory.

DATA SET 77-0123 MEDS/Gulf

Waverider data were collected near two of the Gulf drill sites. The MEDS analysis summary indicates an 80-100% success rate.

DATA SET 78-0001 Canmar

As in 1976 (76-0001) and 1977 (77-0004), Canmar collected oceanographic data while drilling in the Beaufort Sea. The profile data are discussed by Lemon and Kowalski (1982) and the current meter data by Fissel (1981).

Temperature-Salinity Data

T/S data were obtained at the following sites:

	Site	Vessel	Dates
1.	Kaglulik A-75	Explorer III	July 13-Aug 7
2.	Kopanoar M-13		July 29-Oct 9
3.	Natsek E-56		July 15-Sept 26
4.	Nerlerk M-98		Aug 9-11
5.	Tarsiut A-25		Aug 20-Sept 6
6.	Ukalerk 2C-50		July 18-Oct 10

Lemon and Kowalski (1982) reprocessed these data but were unable to obtain a copy of the appropriate Canmar technical report. Therefore the methods used and quality of these data are uncertain.

Current Data

Current-meter data were obtained at the six sites at 12 m depth using HydroProducts (Savonious rotor/vane) meters. The data may be contaminated by wave motion. Fissel (1981) discusses this and other possible errors in the data.

Wave Data

Wave data were obtained at three sites using Waverider buoys. The data and analyses are in files 196-2M, 193 and 192 at MEDS. One of the records has only 0-50% success rate (192), whereas the other two have 80-100%.

Hourly Sea State

As well as the temperature-salinity profile, moored current-meter, and Waverider data, hourly observation of wave period, significant wave height, wave direction, sea temperature, roll, pitch, and heave were logged on the bridge of most drillships (The *Explorer* had no roll and pitch sensors to these were not logged at the sites this vessel was drilling at). These data are not included in the listings of this inventory, but are in the series of Canmar Technical Reports titled "Environmental observations in the Beaufort Sea-1978-Sea State", and are also on file at Dome's Data Centre.

DATA SET 78-0019 Seakem for Canmar

CTD data were obtained at the Kaglulik A-75 drill site after a flow of water from the drill hole had occurred. Profiles were made as near to a rising bubble train as possible. It is not stated (Thomas, 1978b) whether the recorded times are local or GMT.

DATA SET 78-0031 Freshwater Institute, DFO

Temperature-salinity data were collected just below the surface using a YSI meter or a Beckman RS5-3 portable salinometer. During the fall, salinities were also determined from water samples using a Guildline Autosal Model 8400 salinometer.

Station locations have been estimated, to the nearest minute, from the station location map in Lawrence, Lacho and Davies (1984).

DATA SET 78-0113 MEDS

The location (70°04'N, 132°27'W) is within Dome's acreage, however the station designation 198-Issungnak is a Gulf site, suggesting that the longitude in MEDS files may be wrong. A Waverider was deployed at 198-Issungnak site in 1979 (79-0120), at 70°03'N, 133°59'W. The longitude value of 133°59'W puts the location within Gulf acreage, closer to the actual Issungnak drill site.

DATA SET 79-0003 Canmar

In their fourth consecutive summer of operation (see also 76-0001, 77-0004 and 78-0001) Canmar obtained T/S profile data at the following sites.

	Site	Dates
1.	Kenaiooak	Sept 14-Oct 20
2.	Kopanoar	Oct 10-19
3.	Natsek E-56	Aug 15-Oct 7
4.	Nerlerk	July 16-Oct 21
5.	Tarsiut	July 14-Oct 17
6.	Ukalerk	July 12-Aug 8

Temperature-Salinity Data

Three instruments were used; a Hydrolabs TC-2 analogue meter, a Hydrolabs 4021 digital meter, and an Applied Microsystems CTD12. Manufacturer's specifications for precision are:

TC-2: ±0.5°C, ±1.5°/oo
4021: ±0.2°C, ±1.0°/oo
CTD12: ±0.02°C, ±0.07°/oo

These data were reprocessed by Lemon and Kowalski (1982).

Current Data

Current data were obtained at 12 m depth near each of the drill sites. The data may be contaminated by wave motion and vessel-induced flows (Fissel, 1981).

Wave Data

Waverider buoys were moored at two sites. The data and analyses are in files 200 and 201 at MEDS, and have an 80-100% and 50-80% success rate respectively.

Hourly Sea State

As well as the temperature-salinity profile, moored current-meter, and Waverider data, hourly observation of wave period, significant wave height, wave direction, sea temperature, roll, pitch, and heave were logged on the bridge of most drillships (The Explorer had no roll and pitch sensors to these were not logged at the sites this vessel was drilling at). These data are not included in the listings of this inventory, but are in the series of Canmar Technical Reports titled "Environmental observations in the Beaufort Sea-1979-Sea State", and are also on file at Dome's Data Centre.

DATA SET 79-0009 Arctic Lab. Ltd.

Two CTD profiles were obtained as part of an in-situ primary productivity study to determine the effects of discharged drillirg fluid.

DATA SET 79-0026 DOME/Oil Under Ice Study

During the winter of 1979/80 Dome Petroleum undertook to simulate a sub-sea blow-out under first year ice. The test site was approximately 8 km offshore McKinley Bay. Three discharges, each of about 6 m^3 of oil, took place: Phase 1 December 13, Phase 2 April 10, and Phase 2a May 2.

Physical oceanographic measurements included temperature, salinity and currents. Various contractors were involved, including Arctic Laboratories, C-Core, Nordco, and DF Dickens Engineering. Phase 3 during May through July 1980 involved monitoring and cleanup.

The first discharge, Phase l-December 1979, has been assigned the identifier 79-0026. Salinity profiles were obtained using a YSI model 33 SCT probe, while thermistor chains provided temperature data. For this inventory, one nominal station has been used. Moored current meters recorded temperature and salinity, however currents were generally below the threshold value of the instruments.

The second discharge, Phase 2 - April 10, 1980, is designated 80-0016A. T/S profiles were obtained using the YSI model 33 SCT meter, and moored current meters monitored the current as well as T/S.

During Phase 2a (May 2 1980; 80-0016B) similar methods were used. Cushing electro-magnetic current meters (model 600) were also used in an attempt to observe flow in the vertical plane. Water-level data were also obtained, April 30 - May 5, apparently using a lead-line.

Follow-up monitoring and clean-up continued during May through July (80-0028). T/S data were collected during this period but details were not evident in Dickins & Buist (1981).

For the purposes of this inventory, nominal test site locations have been used.

DATA SET 79-0037 Freshwater Institute, DFO

Temperature-salinity data were obtained with a Beckman RS5-3 meter, and some water samples underwent salinity determination using a Guildline Autosal 8400.

Station locations were not provided, except as a map presentation (Lawrence, Lacho and Davies, 1984) and they have not been plotted in this inventory.

This survey was one of a number of inter-related studies carried out by DFO (see 79-0039). Temperature data from freshwater lakes have not been included in this inventory.

DATA SET 79-0121 C-CORE

Six hundred and thirty drift cards were released during September 1979 from six sites in the Beaufort Sea. All the cards were recovered to the west, mostly along the north and northwest coasts of Alaska, Yukon and the Northwest Territories (Diemand, Reimer and Barrie, 1982).

DATA SET 80-0002 Canmar

Temperature-Salinity Data

In Canmars fifth consecutive year of operation (see also 76-0001, 77-0004, 78-0001, and 79-0003), T/S profiles were obtained at intervals of one to nine days, from the Canmar drill ships while drilling proceeded during the summer and fall of 1980:

1. Kenalooak 2J-94, 16 profiles taken between August 1 and 31, 1980.
2. Kilannak A-77, 1 profile taken July 2, 1980 and 3 profiles taken in mid-September, 1980.
3. Koakoak 0-22, 38 profiles taken between July 14 and October 3, 1980.
4. Kopanoar 1-44 and 21-44, 40 profiles taken between July 14 and September 28, 1980.
5. Orvilruk 0-3, 25 profiles taken between July 17 and September 7, 1980.
6. Tarsiut A-25, 8 profiles taken between July 11 and 29, 1980.

The data were collected using Hydrolab CTD probes (no model stated). Salinities were also determined using an Applied Microsystems CTD-12 and the Hydrolab conductivities were calibrated using the CTD-12 salinities. The accuracy of the Hydrolab temperature data is believed to be about ±0.2 to ±0.5°C, whereas the salinity data is probably accurate to ±0.07°/oo when properly calibrated, but only ±1.0 to ±1.5°/oo when not.

Lemon and Kowalski (1982) reprocessed the 1976-1980 Canmar drillship data, edited and removed obvious errors. Their report includes time series plots of all profiles.

Current Data

Current meters were moored at five of the sites, all at 12 m depth. These data are not reported in Fissel (1981), but are listed in the Canmar Technical Report titled "Environmental observations in the Beaufort Sea - 1980 - Sea Currents". At the Orvilruk site, two different types of meters were used: we have assumed that the HydroProducts was deployed August 1-26 then replaced with the Marsh-McBirney for the September 1-9 period.

As with the 1976-1979 data discussed by Fissel (1981), the 1980 data may be contaminated by wave motion and vessel-induced flows.

Wave Data

Apparently Waverider data were collected at three sites (files 200, 201 and 202 at MEDS). The MEDS summary shows good (80-100%) success rate for all three records

Hourly Sea State

As well as the temperature-salinity profile, moored current-meter, and Waverider data, hourly observation of wave period, significant wave height, wave direction, sea temperature, roll, pitch, and heave were logged on the bridge of most drillships (The *Explorer* had no roll and pitch sensors to these were not logged at the sites this vessel was drilling at). These data are not included in the listings of this inventory, but are in the series of Canmar Technical Reports titled "Environmental observations in the Beaufort Sea-1980-Sea State", and are also on file at Dome's Data Centre.

DATA SET 80-0003 Arctic Laboratories for Dome Petroleum Ltd.

Water quality measurements (dissolved oxygen, temperature, salinity and water transparency) were monitored at five stations in McKinley Bay during the 1980 dredging operations. The times provided in Thomas (1980) and listed in the inventory, are not specified as to the time zone used. Also station coordinates were not specified; we have estimated them from Figure 1 of Thomas (1980).

DATA SET 80-0016 Dome Petroleum

Salinity values were not reproducible by the original investigators. It was thought that the cause was ice crystallizing in the conductivity cell. (In the investigator's opinion, the salinity profiles are still useful in a relative sense.) Because the cause of the salinity errors was not definitely found, the possibility of an instrument malfunction affecting the temperature remains. The temperature data have therefore been given a rating of 1. These stations were not plotted.

DATA SET 80-0028 Dome Petroleum

Not enough information could be obtained, regarding methods and data quality, to rate these data.

DATA SET 80-0041 Dobrocky Seatech Ltd.

Temperature-salinity data were obtained in Tuktoyaktuk Harbour and on a line extending 6 km offshore into Kugmallit Bay. Station locations are plotted in Figure 1 of Byers and Kashino (1980) but for this inventory a nominal location of 69°27'N, 133°5'W was used.

DATA SET 80-0110 Freshwater Institute, DFO

See 79-0037; stations are not plotted.

DATA SET 81-0002A Arctic Sciences Ltd. for Dome Petroleum Ltd.

Aanderaa current meters were deployed during January 16 at 19 m depth under the ice near the Tarsiut and Uviluk drill sites. The Tarsiut data is unreliable after May 5 when the instrument settled on bottom for six-days. Even after it rose to its designed depth, mud fouling interfered with proper operation.

While a mooring at the Kopanoar site was not recovered, a current profile on January 19 was obtained using an Endeco current meter.

DATA SET 81-0002B Arctic Sciences Ltd. for Dome Petroleum Ltd.

Over a year's worth of near-bottom current data were obtained from near the Tarsiut drill site. The data are generally of good quality. Extended periods of zero measured speed were recorded, although these may merely indicate currents less than the instrument threshold (approximately 2.2 cm/sec).

DATA SET 81-0002C Canmar

While the drillships Explorer I through IV were drilling during the July to October period, current, CTD and wave data were collected. Also at each vessel, weather, ice conditions, and sea state (including sea-surface-temperature) were regularly monitored.

Currents

A summary note (call no. 20.0 IN 90 1981 at Ocean Information Library, IOS - author unknown) states that current meters were "deployed and operated at 12 metre and 25 metre depths at Irkaluk, Issungnak and Koakoak. At Kopanoar, meters were operated at 12 and 23 metre depths. An instrument was also deployed at 12 m for a brief period at Kenalooak and two meters, at 13 m and 18 m operated at Kilannak. Both Kilannak meters, as well as the lower meters at Koakoak and Kopanoar, recorded internally". However the data tape, containing all the '81 Canmar data, contains current-meter data from Kenalooak only. It is not yet clear if current data exist for the other sites although they have been listed and plotted in this inventory.

CTD

CTD data were obtained at the Kenalooak, Kopanoar, Issungnak, Koakoak, and Irkaluk sites. Multiple casts were generally made, however information was generally available only regarding the first profile. Some of the data is questionable, for example, salinities of 47^{o}/oo were recorded at the Kenalooak site on September 23. The instrument type was not evident from the data tape. Contact Mr. Vanderkooy at Dome (403-231-8010) for further details.

Wave

Wave data were collected near the *Explorer III* (MEDS file 196-2m), *Explorer ?* (MEDS file 201), *Explorer IV* (MEDS file 202) and the Tarsiut site (MEDS file 204). Data and analyses results are on file at MEDS.

Data Availability and Quality

The 1981-85 data were archived on 9-track tapes, and sent to COGLA. Dr. H. Melling of IOS also has copies. The data quality is generally unknown. In an analysis of the 1976-79 Canmar data, Fissel (1981) found that little or no editing had been done to the data. Similarly the T/S data from 1976-1980 required editing (Lemon & Kowalski, 1982).

DATA SET 81-0003 Arctic Laboratories Ltd.

Oceanographic sampling was conducted near Issungnak during two winters and the summer of 1981-1982. Most stations were profiled with an Applied Microsystems CTD-12 (some stations had bottles only - temperature from reversing thermometers and salinity from salinometer). The CTD-12 data were checked against the salinometer and reversing thermometer values.

The CTD-12 and a thermistor chain were also moored from July 24 to September 23 1981, with good data recovered for the July 24 - August 30 period.

It was not clear from Erickson et al. (1983) exactly where the T/S data were collected. Therefore nominal dates and locations were used in this inventory.

DATA SET 81-0006 Canmar

No information was available regarding these data.

DATA SET 81-0013 Arctic Laboratories Ltd.

Data were collected to determine the impact of dredging operations in Tuktoyaktuk Harbour. T/S profiles were obtained using an Applied Microsystems CTD-12. Quality control was monitored using water bottle salinities. Salinometer derived values agreed to within 0.7°/oo of those from the CTD-12 (Erickson & Pett, 1981).

DATA SET 81-0015 Arctic Laboratories Ltd.

Biological-chemical studies were carried out at the Issungnak artificial island and in McKinley Bay. Ice covered (April - June) and open water (July-September) conditions were monitored. Water sample salinities were also determined using a Guildline 8400 salinometer. The CTD-12 temperature calibration for the May 1981 data was incorrect and the data are good in a relative sense only (Pett, Acreman and Vickers, 1981).

Latitude/longitudes are those obtained for the chemical data inventory (Thomas, Macdonald and Conford, 1982), from figures in the data report of Pett, Acreman and Vickers (1981).

DATA SET 81-0016 Arctic Sciences Ltd. for ESSO Resources

Two different instrument types were used to measure currents. The Endeco 105 is a neutrally buoyant impeller-type meter that was tethered to the mooring with a 5-foot long line. This meter is designed to move with the wave-induced orbital motion so that wave-related currents are not measured. The Aanderaa RCM-4 meters are affected by wave motion, therefore these instruments were used only at the deeper locations. Even at depths of 12 and 16 m there was still evidence of wave contamination in the records (Fissel & Birch, 1982). During extreme wind events the measured currents may be overestimated by as much as 50%.

DATA SET 81-0018 Arctic Laboratories Ltd. for Dome Petroleum

During a biological and chemical study of the Tarsiut site, bottom water salinities were measured (Thomas et al. 1982). Water samples were collected less than 1 metre off bottom. The method used to determine salinity was not obvious from the report.

Similar bottom water salinities were obtained near Herschel Island (Heath & Thomas, 1984). A bench salinometer was used, therefore we suspect that a salinometer was also used for the Tarsiut samples.

DATA SET 81-0029 Dept. of Fisheris and Oceans

During a three-year fishery survey, surface water-temperatures were recorded at each site. See also (82-0111 and 83-0068). The type of thermometer used was not specified (Gillman and Kristofferson, 1984) although it was probably an ordinary hand-held thermometer. Station locations are plotted in Gillman & Kristofferson (1984); for this inventory, nominal locations were used.

During June to September T/S data were also collected in Tuktoyaktuk Harbour. Enquiries to Mr. Larry deMarch at DFO Winnipeg have, as yet, failed to result in any details.

DATA SET 82-0004 IOS

Water-level data were obtained in Amundsen Gulf, probably to complement T/S data collected in that area (82-0003) and also as part of a survey of the Prince of Wales Strait area (see NW Passage Inventory 82-0004). For further details regarding these water-level data, contact Mr. Fred Stephenson, Tides and Currents, Institute of Ocean Sciences.

DATA SET 82-0093 Arctic Laboratories Ltd.

See 81-0003.

DATA SET 82-0094 Arctic Laboratories Ltd.

This was the second year (see also 81-0018) of a study of the impact of marine gravel dredging on the zoobenthos on a shallow ridge near Herschel Island. Bottom water samples were obtained 1 metre off bottom using a water sampler and the salinities were later determined using a Guildline Autosal 8400 salinometer.

DATA SET 82-0095 EPS

Chemical, sediment, and biological data were obtained for a baseline survey of the Yukon coastal region (Allan and MacKenzie-Grieve, 1983). Surface temperatures were measured using a standard centigrade thermometer, while a YSI model 33 meter provided profiles of temperature and conductivity. Station locations were estimated from figures 2 and 3 of the report. Follow-up surveys were conducted in 1983 (83-0047) and 1984 (84-0047).

DATA SET 82-0097A Arctic Laboratories for Dome Petroleum

A biological and chemical survey was made around the Tarsiut N-44 artificial island, and the south Tarsiut borrow area. A similar study had been made in 1981 (81-0018). Bottom water salinity was determined for samples obtained using a Niskin bottle 1 m off bottom. The method of salinity determination was not specified (Heath and Thomas, 1983).

DATA SET 82-0105 Dept. of Fisheries and Oceans

The required information was not obtained in time to include these data in this inventory.

DATA SET 82-0110 Arctic Laboratories Ltd.

The appropriate reference was not obtained in time for these data to be inventoried.

DATA SET 82-0111 Freshwater Institute

This was the second year of a three-year fishery survey (see also 81-0029 and 83-0068). Nominal locations and dates were used for plotting purposes. Surface temperatures were measured using unspecified methods.

DATA SET 82-0117 Arctic Sciences Ltd. for ESSO

The compass channel of the DOWS current meter at site 1 (Issungnak) failed after five days. From then until recovery, speed, temperature and pressure values (but no direction) are available.

At site 3 (Kadluk) one of the rotors on the DOWS meter fouled after about 5 days. From that point on the speed and direction data are unreliable.

Current profiles were also made at sites 1 and 3 using an Endeco 110 meter. Data from the Waverider buoy deployed 5 km west of the Isserk shoal for the period August 3 to September 25, were sent to MEDS for analysis.

DATA SET 82-0018 Canmar

As usual, current, T/S, and wave data were collected at or near the drill ships. Also at each vessel, weather, ice conditions and sea state (including SST) were monitored.

Current Data

Current meters were deployed near the Orviiruk, Nerlerk, Kenalooak, and Kiggivak drill sites. Details are unavailable but the data may required editing before use (see comments under 81-0002c). Apparently 35 days of current data were also obtained near the Tarsiut site (Myers & Kirby, 1982).

CTD Data

CTD data were obtained from the drill ships at the Orviiruk, Nerlerk, Kenalooak, Irkaluk, Kiggivak and Alverk drill sites. Only the date of the first profile at each site are listed here, however, generally several profiles were obtained at each site. Data quality is not known.

Wave Data

Wave data were collected near the Explorer IV, in McInley Bay, and at Tarsiut. The data are on file at MEDS (Nos. 202, 206 and 205 respectively). Myers and Kirby give the station 204 Tarsiut location as 69°57'N, 135°05'W for the September period, as opposed to 69°51'N, 136°W on the MEDS file.

Water Pressure

Hydrostatic pressure was also recorded at the bottom of the East caisson at Tarsiut. These data are not included here but are plotted in Myers and Kirby (1982).

DATA SET 82-0119 Arctic Laboratories Ltd.

These data were part of a continuing program, since 1978 (78-0002) to monitor the Tingmiark K-91 drill site for leakage of formation water. Fifteen CTD profiles were made near the drill site. For this inventory a nominal location of 70°10.6'N and 130°58.9'W has been assigned to each station.

DATA SET 83-0027 LGL Ltd.

Temperature data were collected during a whale and mammal survey. No further details were avalible at the time this inventory was completed.

DATA SET 83-0047 EPS

This was a follow-up survey near Stokes Point in which water quality and biology were compared to data from 1982 (82-0095). The same stations were sampled as in 1982 and again a YSI-33 meter was used. Station locations are estimates from figures in the report. Data were obtained from surface and 0.5 metres above bottom. Instrument calibration and accuracy were not reported. Similar sampling was again performed in 1984 (84-0047).

DATA SET 83-0054 EPS

No details regarding these data were available; contact the EPS in Whitehorse, (403)667-6487.

DATA SET 83-0058 Arctic Laboratories Ltd.

The project goal was to relate water colour and temperature patterns in the Beaufort Sea to the distribution of bowhead whales. Aircraft and satellite sensory methods were used, while surface data were obtained for calibration. Sample bottles were lowered while the helicopter hovered over the station. An AES sea temperature thermometer (0.1°C graduations) was immediately inserted into the sample upon retrieval. Salinity was determined later using a Guildline Autosal Salinometer (Borstad, 1985).

DATA SET 83-0059 Simon Fraser University

No details were available. A letter to Mr. Albright at SFU failed to induce a response.

DATA SET 83-0067 Arctic Laboratories Ltd.

The Neil Brown current-meter data are presented in de Lange Boom & Juszko (1983), whereas the Waverider data were analysed by MEDS. The wave data from station 208 (Kadluk) are apparently no good, as the MEDS summary indicates a 0% success rate.

DATA SET 83-0068 Freshwater Institute

This was the third year of a three-year fishery survey (see also 81-0029 and 82-0111). At all stations surface temperatures were measured using an unspecified method. Nominal dates and location were used here for plotting purposes.

DATA SET 83-0069 Canmar

During 1983 oceanographic data were obtained at the following sites:

Well Site	Latitude Longitude	Rig	Data Type
Aiverk 21-45	70°24.73'N 133°42.35'W	Explorer IV	CTD
Uviluk P-66	70°15.8'N 132°18.75'W	CBIR#2	CM
Natiak 0-44	70°03.95'N 137°13.12'W	Explorer II	CTD
Havik B-41	70°20.18'N 123°13.08'W	Explorer III	CTD
Siulik I-05	70°24.63'N 134°30.67'W	Explorer IV	CTD and CM
Arluk E-90	70°19.38'N 134°26.53'W	Explorer III	CTD and CM
Nerlerk B-67	70°26.02'N 133°19.47'W	?	CM

Multiple CTD profiles were made at each site, generally at intervals of a couple of days; only the first is listed here. An Applied Microsystems CTD-12 was used, and one or more other units of unknown types. The current-meter record lengths were unavailable.

The data quality is unknown; see comments under 81-0002c.

Wave data were also collected at the Siulik site (MEDS file #202).

DATA SET 83-0070 Gulf

Waverider data collected at MEDS station 207 (near Pitsiulak A-05 drill site) was apparently of no use, since the MEDS summary indicates a 0% success.

It is not known what other physical oceanographic data were collected by Gulf. Devenis (1985) mentions that one of four instrument moorings, deployed in 1983, was recovered in 1984. MacLaren Plansearch helped in this search, therefore it seems logical that they were the primary oceanographic contractors in 1983.

DATA SET 84-0017 Borstad

Surface temperature data were derived from the NOAA 7 Advanced Very High Resolution Radiometer (AVHRR) data. Useful, cloud-free images were obtained for August 22 and September 8, 11 and 12. Ground truthing was achieved using sea-surface temperature data from drill ships in the area. Due to the limited number of calibration points and position errors of 1-2 km on the images, the temperature data are believed to be accurate to only ±1.0°C (Harwood & Borstad, 1985).

DATA SET 84-0032 DFO

A letter to Mr. Larry deMarch at DFO Winnipeg, regarding these and other data (85-0014, 85-0017) has till now gone unanswered.

DATA SET 84-0043 Beaufort Sediment Dynamics Study

Guildline (may have been AML CTD-12) CTD profiles were obtained at 4 stations off Kugmallit Bay. Locations for these stations were not provided (Nadeau, 1984). A 12-hour station near Pullen Island was sampled using reversing thermometers and a refractometer.

DATA SET 84-0045 Arctic Laboratories for Gulf

The 1984 oceanographic program for Gulf was severely affected by ice conditions. Three Waverider buoys were lost and one current meter was not recovered. Only one of four moorings deployed in 1983 was recovered.

Real-time current and water-level data were obtained at Amauligak during August 8-20 and August 31 - September 18. This real-time ice-resistant oceanographic telemetry (RIOT) buoy, developed by Artic Laboratories, incorporates a Neil-Brown ACM-2 current meter and an Aanderaa WLR-5 tide gauge. A current meter moored 1.0 km SE of Amauligak on August 7, was to record until November, however it is not known if it was successfully recovered in 1985.

A Waverider buoy deployed at Tarsiut on August 6, was recovered just west of Amauligak on August 17. Additional Waverider data were obtained in Herschel Basin between August 9-18 (nominal location used: 69°30'N, 138°40'W).

CTD data, presumably using Arctic Labs CTD-12, were obtained from the Kulluk: daily July 5-18 at Pitsiulak A-05; weekly during August and daily September 13-23 at Amauligak.

Oceanographic data may have been collected at the Tarsiut P-45 site (69°54.92'N, 136°25.07'W) from the Molikpaq during the September - December drilling operations, however this section of the report by Devenis (1985) was not obtained in time for the inventory. Attempts were made to obtain wave data, but met with little success due to ice conditions.

DATA SET 84-0046 Esso

Near-surface and near-bottom currents were measured at the Amerk O-09 and the Nipterk L-19/Kaubvik I-43 drill sites. The Endeco 105 records from both sites had periods, up to five days, of unvarying direction which may have been due to compass sticking. The acoustic current-meter at the Nipterk/Kaubvik site was found to have a shift in the calibration of one of the sensor pairs. This may have reduced the overall data accuracy slightly (Birch, Fissel & Wilton, 1984b).

Three days of Waverider data were also obtained, however a SeaData 635-11 bottom pressure record was of limited value due to air bubbles in the pressure port. The 635-11 did produce lower frequency (tidal) information.

DATA SET 84-0047 EPS

This was the third consecutive-year survey of the Stokes Point Region (see also 82-0095 and 83-0047) and the second of King Point (82-0095). As in the other years a YSI-33 meter was used and the same stations were occupied. Only a draft report was available, and the exact dates and depths are not indicated. The Stokes Point station were sampled August 6-7, the King Point August 1-2. Samples were from near-surface and 0.5 m off bottom, in water about 5 m deep. Instrument calibration and accuracy was not stated.

DATA SET 84-0048 Canmar

The summer '84 oceanographic data collected by Canmar are summarized as follows:

Well Site	Latitude Longitude	Rig	Data Type
Natiak O-44	70°03.95'N 137°13.12'W	Explorer II, I	CTD and CM
Siulik I-05	70°24.63'N 134°30.67'W	Explorer IV	CTD and CM
Arluk E-90	70°19.38'N 135°26.52'W	Explorer III	CTD and CM
Aiverk 2I-45	70°24.73'N 133°42.35'W	Explorer I, IV	CTD and CM
Havik B-41	70°20.18'N 132°13.08'W	Explorer II, III	CTD and CM

Uviluk P-66	70°15.77'N 132°18.68'W	?	CM

Multiple CTD profiles were made using an Applied Microsystems CTD-12, as well as other unidentified units. Only the first profile at each site are listed here.

The duration of the current records is not known. The data are on tapes at COGLA and with Dr. Melling at IOS. Data quality is unknown.

No drifters were deployed due to heavy ice concentrations around the drillships.

It is not known if wave data were also collected.

DATA SET 84-0049 IOS

Aanderaa current meters were moored in Herschel Canyon as part of an over-winter study of shelf and transport processes.

CTD profiles were obtained in April 1984 when the moorings were deployed, but apparently not in August 1985 when they were recovered.

The data are being processed (contact Mr. Perkin, IOS).

DATA SET 85-0006 ESL

Information regarding these data were not obtained in time for inclusion in this inventory. Contact Mr. J. McDonald at 604-656-0881.

DATA SET 85-0007 LGL for DIAND

During a bowhead whale survey T/S profiles were obtained using a Hydrolab 4021. The salinity data were unreliable due to instrument malfunction.

Several NOAA satellite images (18, 20, 21, 24, 26, and 28 August, 1985) were also digitally processed and calibrated for temperature and turbidity, using the ship-based measurements.

DATA SET 85-0014 DFO

See 84-0032.

DATA SET 85-0016 Simon Fraser University

See 83-0059.

DATA SET 85-0017 Freshwater Institute

The report (Hopky, Chiperzak and Lawrence, 1986) was not obtained in time to rate these data.

DATA SET 85-0019 Archipelago Marine Research

No details were available. Contact Archipelago Marine Research (604-382-4535).

DATA SET 85-0029 Arctic Laboratories for Esso Resources

Current data were obtained from two sites (Arnak and Nipterk/Kaubvik), and a pressure sensor (635-11) at the Adgo site provided tidal and wave measurements. A water-level gauge was also deployed near the Taglu drill site.

Arnak: an Aanderaa current-meter and an InterOcean S4 electromagnetic current meter were moored closely together, both at approximately 5 m depth (Arctic Lab., 1985a). The Aanderaa provided essentially no useful speed and direction data, whereas the S4 meter operated well. The temperature and salinity sensors on the Aanderaa did provide data during the deployment period, August 28 to October 3.

Nipterk: an Aanderaa RCM-4 and a Neil Brown ACM-2 were deployed at the same location. The Neil Brown data were very good, however, the Aanderaa encoder was erratic resulting in poor depth, temperature and conductivity data; the direction channel was corrected and the speed channel was unaffected.

Adgo: a SeaData 635-11 wave and tide pressure sensor was moored on bottom between August 15 and October 1. Some energy amplification occurred at high frequencies, but in general the data are of good quality.

Taglu: the data from the Aanderaa WLR-5 water-level gauge near the TAGLU site is of poor quality with about a 57% good-data return. The tape reel had been installed in a reversed position.

DATA SET 85-0030 Dobrocky Seatech Ltd.

Dobrocky Seatech Ltd. was contracted by the Geological Survey of Canada to study sediment transport at King Point on the Yukon Coast, as part of the Northern Oil and Gas Action Program (NOGAP).

Aanderaa current meters with wave zone rotors were moored in water depths up to 15 m, and two SeaData directional wave and current sensors were moored in water depths of 2.7 and 5.6 m.

Of the five Aanderaa meters, only three were recovered, and only two of these had recorded useful data.

Apparently the data from one of the SeaData recorders is of little value. Further enquiries should be directed to Dr. Harper of Dobrocky Seatech (902-463-4099).

DATA SET 85-0031 LGL Bowhead Whale Study

Most of the data are from west of 141°W. No reversing bottles were used for calibration. Temperatures were compared with those obtained from surface using a Hydrolab meter. Satellite imagery, combined with the boat-based data, were used to produce SST maps.

This was the first of a two year study. See also 86-0008.

DATA SET 85-0032 IOS

This was part of an ice motion program. Current-meters and water level gauges were moored over-winter near the Beaufort Sea over the outer half of continental shelf and the upper slope. Two shore water level gauges were also maintained. CTD data were collected during deployment (85-0032) and recovery (86-0032). An archive of rectified, navigated AVHRR images was acquired during the 12 months of the project, and is being used to derive ice coverage and ice displacement data. The data are in the process of being analysed and further enquiries should be directed towards Dr. H. Melling at IOS.

DATA SET 85-0033 Canmar

The summer '85 oceanographic data collected by Canmar are summarized as follows:

Well Site	Latitude Longitude	Rig	Data Type
Arluk E-90	70°19.39'N 135°26.53'W	Explorer III, IV	CTD
Adlartok N-09	69°38.87'N 137°45.47'W	Explorer III	CTD and CM

Edlok N-56	69°45.83'N 140°14.37'W	Explorer IV	CTD. It is not clear whether or not an ACM2 at 5m depth was recovered.
Havik B-41	70°20.18'N 132°13.08'W	Explorer I,II,III	CTD
Nerlerk J-67	70°26.68'N 133°19.47'W	Kulluk	CTD

The header information were extracted from the Canmar data archival tape (Steen 1986). Documentation received from Dome claims that two current-meter records were obtained, however the tape contains only one.

An AML CTD-12 was used; the time zone recorded for the CTD profiles is not specified.

No drifters were deployed due to heavy ice concentrations around the drillships.

DATA SET 85-0036 IOS

CTD profiles were obtained after recovery of the year-long current and thermistor moorings near Banks Island. The data are being analysed and further enquiries should be directed toward Mr. Perkin at IOS.

DATA SET 85-0037 Gulf

Gulf operated at three drillsites in 1985: Amauligak I-65 using the mobile arctic caisson Molikpaq, and Akpak 2P-35 and Aagnerk E-56 using the conical drilling unit Kulluk.

At the Amauligak site, the real-time current (Neil Brown ACM-2) and water-level (Aanderaa WLR-5) buoy was used. However, a flaw in the wiring of the buoy resulted in minimal data recovery. A near-bottom (5 m off bottom) current meter was deployed 1.5 nautical miles SW of Amauligak on September 6. The record length and data quality are unknown.

Due to heavy ice, no moorings were deployed at the Akpak site, however CTD data were collected when ice conditions permitted.

It is not known what, if any, data were collected at the Aagnerk drill site.

DATA SET 86-0003 IOS (Ocean Chemistry)

A comprehensive CTD survey was carried out during this first year of the NOGAP program. An Anderaa current meter was also moored for five days. The CTD profiles included transmissivity, and sediment traps were also moored. The data are in the process of being analysed.

Satellite images are also being processed to produce maps of sea-surface-temperature.

For further details contact Dr. Macdonald of Ocean Chemistry at IOS.

DATA SET 86-0004 LGL and Arctic Sciences Ltd. for DIAND

Ten cross-shelf transects were completed. Vertical profiles of temperature, salinity and transmissivity were obtained using an Applied Microsystems STD-12. Also, while underway, continuous measurements of surface temperature were made using a Hydrolab TC-2 meter. Digital analysis of satellite imagery (3, 5, 6 and 8 September, 1986) will provide SST maps, ground-truthed with the ship's STD data.

The STD, calibrated using bottle salinities and temperatures from reversing thermometers, had an overall accuracy of ±0.03°C and ±0.1^{o}/oo.

DATA SET 86-0005 MacLaren Plansearch for Esso

These data were in the process of being analysed. Contact Mr. Spedding of Esso (403-259-0335).

DATA SET 86-0006 Arctic Laboratories Ltd.

No details were available. Contact Mr. Thomas of Arctic Laboratories (604-656-7077).

DATA SET 86-0007 Arctic Laboratories Ltd.

See 86-0006.

DATA SET 86-0008 LGL Bowhead Whale Study

Most of the stations are west of 141°W, near Barter Island. Data depth was restricted by a temperature limitation of -0.35°C within the CTD. This was the lowest temperature the instrument could record.

Satellite imagery, combined with the boat-based data, are to be used to produce sea-surface-temperature maps for 26 August and 6, 8, 10, 14 and 26 September.

These data are to be presented (1987) for a report by LGL which will also include the 1985 results (85-0031).

DATA SET 86-0009 Seaconsult

SeaData 635-9, 635-11, 635-12 and 650B-7 pressure sensors were moored near bottom off Richards Island as part of a sediment transport study. The 635-12 also recorded current data. The data are being processed (Hodgins et al, in print).

DATA SET 86-0010 IOS

This was part of the second year of the ice motion program (see also 85-0032). While recovering the moorings in the spring of 1986, CTD profiles were made. Only the approximate locations of the current-meters have been plotted. The data are being processed and enquiries should be directed towards Dr. H. Melling at IOS.

DATA SET 86-0011 IOS

Current meters and WOTAN units were moored at two sites near the entrance to Dolphin and Union Strait. The data are being processed; contact Dr. Farmer at IOS. For plotting purposes, a nominal location of 69°15'N and 117°20'W has been assigned.

DATA SET 86-0013 Canmar

One current-meter record obtained by Canmar during the 1986 drilling season was subsequently lost in the mail. It is not known if any other oceanographic data were obtained. Contact Mr. Vanderkooy at (403) 231-3000.

DATA SET 86-0014 Arctic Laboratories for Gulf

Wave data were collected (85% acceptable) over the August 8-September 14 period near the Amauligak I-65b site.

It is not known if other oceanographic data were also collected.

Appendix 2

Addresses of Information Sources

Arctic Biological Station
Fisheries and Marine Service
Dept. of Environment
P.O. Box 400,
Ste. Anne de Bellevue, P.Q. H9X 3L6

Arctic Ice Dynamics Joint Experiment (AIDJEX)
(Originally centered at the University of Washington, Seattle, the project is now disbanded. Most oceanographic data were filed at NODC, the remainder are being processed at Lamont-Doherty Geological Observatory, Palisades, N.Y. - contact Dr. T.O. Manley).

Arctic Laboratories Ltd.
2045 Mills Road
Sidney, B.C. V8L 3S1
Contact Mr. P. Erickson (604) 656-7077

Canadian Hydrographic Service (CHS)
(For the western arctic data, contact Tidal Information at the Institute of Ocean Sciences, Sidney, B.C.)

Canadian Marine Drilling Ltd. (CANMAR)
see Dome Petroleum

Canadian Oil and Gas Lands Administration (COGLA)
Physical Environment Division
355 River Road
Ottawa, Ontario K1A 0E4
Contact Mr. A.O. Mycyk (613) 993-3760

Dome Petroleum Ltd.
Beaufort Sea Division
P.O. Box 200
Calgary, Alberta T2P 2H8
Contact Mr. Nick Vanderkooy (403) 231-8010

Environmental Sciences Ltd.
2035 Mills Road
Sidney, B.C. V8L 3S1
Contact Mr. J. McDonald (604) 656-1922

Esso Resources Canada Limited
Research Department
339-50th Avenue S.E.
Calgary, Alberta T2G 2B3
Contact Mr. L.G. Spedding (403) 259-0335

Freshwater Institute
Dept. Fisheries and Oceans, Western Region
501 University Crescent
Winnipeg, Manitoba R3T 2N6
Contact Mr. L. deMarch (204) 949-5000

Gulf Canada Resources Inc.
Frontier Development Division
401 9th Avenue S.W.
P.O. Box 130
Calgary, Alberta T2P 2H7
Contact Mr. B.D. Wright (403) 233-3896

Institute of Ocean Sciences
P.O. Box 6000
9860 West Saanich Rd.
Sidney, B.C. V8L 4B2
Contact: Frozen Sea Research - Dr. Humphrey Melling (604) 356-6552
Ocean Chemistry - Dr. Rob Macdonald (604) 356-6409
Tides & Currents - Mr. Fred Stephenson (604) 356-6364

LGL Limited
Environmental Research Associates
22 Fisher Street
P.O. Box 457
King City, Ontario LOG 1KO
Contact Dr. R.A. Davis (416) 833-1244

Marine Environmental Data Services (MEDS)
Dept. of Fisheries and Oceans
12th Floor - 200 Kent Street
Ottawa, Ontario K1A 0E6
Phone: (613) 995-2041

National Oceanographic Data Center (NODC)
NOAA, Code D761
2001 Wisconsin Avenue N.W.
Washington, D.C. 20235
Phone: (202) 634-7500

Seakem Oceanography Ltd.
2045 Mills Road
P.O. Box 2219
Sidney, B.C. V8L 3S1
Contact Mr. D.J. Thomas (604) 656-0881

U.S. Naval Oceanographic Office
Washington, D.C.
U.S.A. 20390

Appendix 3

Abbreviations used in this report.

ABS,Arc.Biol. Stn.	Arctic Biological Station
AGC	Atlantic Geoscience Centre, Bedford Institute of Oceanography
AIDJEX	Arctic Ice Dynamics Joint Experiment
BIO	Bedford Institue of Oceanography
BT	Bathythermograph
CANMAR	Canadian Marine Drilling Ltd. (subsidiary of Dome Petroleum Ltd.)
CHS	Canadian Hydrographic Service
CM	Current meter
CODC	Canadian Oceanographic Data Centre
COGLA	Canadian Oil and Gas Lands Administration
DFO	Department of Fisheries and Oceans
DIAND	Department of Indian Affairs and Northern Development
EPS	Environmental Protection Service
ESRF	Environmental Studies Revolving Fund
FRBC	Fisheries Research Board Canada
GSC	Geological Survey of Canada
IOS	Institute of Ocean Sciences
MEDS	Marine Environmental Data Services Branch, Dept. of Fisheries and Oceans, Ottawa
MOT,DOT	Ministry of Transport, Dept. of Transport; now Transport Canada
NODC	National Oceanographic Data Center
NOGAP	Northern Oil and Gas Action Program
OERD	Office of Energy, Research and Development
T/S, TS	Temperature-Salinity
USCG	United States Coast Guard
USGS	United States Geological Survey
USNHO	United States Navy Hydrographic Office, Washington
USNOO	United States Naval Oceanographic Office, Washington
XBT	Expendable Bathythermograph

Chemical/Biological Terms

Ag	Silver
alk_t	Alkalinity (total)
As	Arsenic
BEC	Benzene extractable compounds
BOD	Biological oxygen demand
C	Carbon
Ca	Cadmium
$CaCO_3$	Calcium carbonate
CH_3	Methyl (mercury)
CH_4	Methane
Cl	Chlorine
Chl.a	Chlorophyll a
Co	Cobalt
CO_2	Carbon dioxide
C^{14}	Radioactive isotope of carbon, C^{14}
Cr	Chromium
Cu	Copper
DB	Lead
DNA	Deoxyribonucleic acid
DOC	Dissolved organic carbon
F	Fluorine
Fe	Iron
H	Hydrogen
HC	Hydrocarbons
HCB	Hexachlorobenzene
He	Helium
HEC	Hexane extractable compound
Hg	Mercury
KME	Kraft mill effluent

Mg	Manganese
N	Nitrogen
N_3	Azine
Ne	Neon
NH_3	Ammonia
Ni	Nickel
NO_2	Nitrite
NO_3	Nitrate
O_2	Dissolved molecular oxygen
ORP	Oxygen reduction potential
P	Phosphorous
Pb	Lead
PCB	Polychlorinated biphenyls
pH	The negative logarithm of the hydrogen-ion concentration
POC	particulate organic carbon
PO_4	Phosphate
RNA	Ribonucleic acid
Se	Selenium
Si	Silicon
SiO_2	Silica
SiO_3	Silicate
SPM	Suspended particulate matter
TDN	Total dissolved nitrogen
TDP	Total dissolved phosphorus
TOC	Total organic carbon
V	Vanadium
Zn	Zinc

OTHER PUBLISHED CATALOGUES IN THE ADCAP SERIES

Cornford, A.B., D.D. Lemon, D.B. Fissel, H. Melling, B.D. Smiley, R.H. Herlinveaux and R.W. Macdonald. 1982. Arctic Data Compilation and Appraisal. Volume 1. Beaufort Sea: Physical Oceanography--Temperature, Salinity, Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 1, 279 p.

Thomas, D.J., R.W. Macdonald and A.B. Cornford. 1982. Arctic Data Compilation and Appraisal. Volume 2. Beaufort Sea: Chemical Oceanography. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 2, 243 p.

Birch, J.R., D.B. Fissel, D.D. Lemon, A.B. Cornford, R.A. Lake, B.D. Smiley, R.W. Macdonald and R.H. Herlinveaux. 1983. Arctic Data Compilation and Appraisal. Volume 3. Northwest Passage: Physical Oceanography--Temperature, Salinity Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 3, 262 p.

Thomas, D.J., R.W. Macdonald, A.G. Francis, V. Wood and A.B. Cornford. 1983. Arctic Data Compilation and Appraisal. Volume 4. Northwest Passage: Chemical Oceanography. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 4, 200 p.

Birch, J.R., D.B. Fissel, D.D. Lemon, A.B. Cornford, R.H. Herlinveaux, R.A. Lake and B.D. Smiley. 1983. Arctic Data Compilation and Appraisal. Volume 5. Baffin Bay: Physical Oceanography--Temperature, Salinity, Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 5, 372 p.

Fissel, D.B., L. Cuypers, D.D. Lemon, J.R. Birch, A.B. Cornford, R.A. Lake, B.D. Smiley, R.W. Macdonald and R.H. Herlinveaux. 1983. Arctic Data Compilation and Appraisal. Volume 6. Queen Elizabeth Islands: Physical Oceanography--Temperature, Salinity, Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences. No. 5, Vol. 6, 214 p.

Birch, J.R., D.B. Fissel, A.B. Cornford and H. Melling. 1984. Arctic Data Compilation and Appraisal. Volume 7. Canada Basin-Arctic Ocean: Physical Oceanography--Temperature, Salinity, Currents and Water Levels. Cdn. Data Report Hydrogr. Ocean Sciences, No. 5, Vol. 7, 624 p.

Harwood, L.A., L.A. Turney, L. de March, B.D. Smiley and P. Norton. 1986. Arctic Data Compilation and Appraisal. Volume 8. Beaufort Sea: Biological Oceanography--Seals, 1826-1985. Cdn. Data Report Hydrogr. Ocean Sciences, No. 5, Vol. 8, (Part 1, 352 p.; Part 2, 301 p.)

Woods, S. and B.D. Smiley. 1987. Arctic Data Compilation and Appraisal. Volume 9. Beaufort Sea: Biological Oceanography--Bacteria, Plankton and Epontic Community, 1914 through 1985. Cdn. Data Report Hydrogr. Ocean Sciences, No. 5. Vol. 9, 412p.

Norton, P., B.D. Smiley and L. de March. 1987. Arctic Data Compilation and Appraisal. Volume 10. Beaufort Sea: Biological Oceanography--Whales, 1848-1983. Cdn. Data Report Hydrogr. Ocean Sciences, No. 5. Vol. 10, 407p.

Wainwright, P.F., B.D. Smiley and A. Blyth. 1987. Arctic Data Compilation and Appraisal. Volume 11. Beaufort Sea: Biological Oceanography--Marine Zoobenthos, 1914 to 1986. Can. Data Rep. Hydrogr. Ocean Sci. No. 5. Vol. 11, 367p.